

# Indiana Public Retirement System

1977 Police Officers' and Firefighters'  
Retirement Fund  
Report on Allocation of Pension Amounts

For the Year Ended June 30, 2017





**Indiana Public Retirement System**

**1977 Police Officers' and Firefighters' Retirement Fund  
Report on Allocation of Pension Amounts**

**Year Ended June 30, 2017**

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## Independent Auditor's Report

RSM US LLP

Board of Trustees  
Indiana Public Retirement System

### Report on the Schedules

We have audited the accompanying Schedule of Employer Allocations of the Indiana Public Retirement System (System) 1977 Police Officers' and Firefighters' Retirement Fund as of and for the years ended June 30, 2017 and 2016, and the related Notes to the Schedule. We have also audited the total for all entities of the columns titled beginning net pension liability (asset), ending net pension liability (asset), total deferred outflows of resources, total deferred inflows of resources, and total pension expense (specified column totals) included in the accompanying Schedule of Pension Amounts by Employer, of the System as of and for the year ended June 30, 2017, and the related Notes to the Schedules.

### Management's Responsibility for the Schedules

Management is responsible for the preparation and fair presentation of these Schedules in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of the Schedules that are free from material misstatement, whether due to fraud or error.

### Auditor's Responsibility

Our responsibility is to express an opinion on the Schedule of Employer Allocations and the specified column totals included in the Schedule of Pension Amounts by Employer based on our audits. We conducted our audits in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the Schedule of Employer Allocations and specified column totals included in the Schedule of Pension Amounts by Employer are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the Schedule of Employer Allocations and specified column totals included in the Schedule of Pension Amounts by Employer. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the Schedule of Employer Allocations and specified column totals included in the Schedule of Pension Amounts by Employer, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the Schedule of Employer Allocations and specified column totals included in the Schedule of Pension Amounts by Employer in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the Schedule of Employer Allocations and specified column totals included in the Schedule of Pension Amounts by Employer.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

## **Opinions**

In our opinion, the Schedules referred to above present fairly, in all material respects, the employer allocations as of and for the years ended June 30, 2017 and 2016, and beginning net pension liability (asset) and ending net pension liability (asset) for the total of all participating entities for the System as of June 30, 2016 and 2017, respectively, and total deferred outflows of resources, total deferred inflows of resources, and total pension expense for the total of all participating entities for the System as of and for the year ended June 30, 2017, in accordance with accounting principles generally accepted in the United States of America.

## **Other Matters**

We have audited, in accordance with auditing standards generally accepted in the United States of America, the financial statements of the Indiana Public Retirement System as of and for the year ended June 30, 2017, and our report thereon, dated December 12, 2017, expressed an unmodified opinion on those financial statements.

### *Other Information:*

Our audit for the year ended June 30, 2017 was conducted for the purpose of forming an opinion on the Schedules. The other information (pages 22 - 32) is presented for the purpose of additional analysis and is not a required part of the Schedules. The other information has not been subjected to the auditing procedures applied in the audit of the Schedules, and accordingly, we do not express an opinion or provide any assurance on it.

## **Restriction on Use**

Our report is intended solely for the information and use of management and the Board of Trustees of the Indiana Public Retirement System, and System employers and their auditors and is not intended to be, and should not be, used by anyone other than these specified parties.

*RSM US LLP*

Indianapolis, Indiana  
December 12, 2017

**Indiana Public Retirement System**

**1977 Police Officers' and Firefighters' Retirement Fund  
Schedule of Employer Allocations  
As of and for the Years Ended June 30, 2017 and 2016**

| Submission Unit | 2017       |                            | 2016       |                            |
|-----------------|------------|----------------------------|------------|----------------------------|
|                 | Wages      | Proportionate Share Factor | Wages      | Proportionate Share Factor |
| 7700100         | \$ 501,599 | 0.0006187                  | \$ 496,977 | 0.0006430                  |
| 7700200         | 475,993    | 0.0005871                  | 488,154    | 0.0006316                  |
| 7701100         | 5,188,405  | 0.0063998                  | 5,286,015  | 0.0068393                  |
| 7701200         | 5,431,892  | 0.0067002                  | 5,569,776  | 0.0072064                  |
| 7702100         | 914,520    | 0.0011280                  | 899,972    | 0.0011644                  |
| 7703100         | 242,966    | 0.0002997                  | 261,774    | 0.0003387                  |
| 7704100         | 1,079,070  | 0.0013310                  | 1,039,646  | 0.0013451                  |
| 7704200         | 838,765    | 0.0010346                  | 822,304    | 0.0010639                  |
| 7705100         | 432,398    | 0.0005334                  | 445,649    | 0.0005766                  |
| 7706100         | 579,430    | 0.0007147                  | 628,466    | 0.0008131                  |
| 7706200         | 98,556     | 0.0001216                  | 104,744    | 0.0001355                  |
| 7707100         | 1,403,242  | 0.0017309                  | 1,392,805  | 0.0018021                  |
| 7707200         | 1,702,894  | 0.0021005                  | 1,646,825  | 0.0021307                  |
| 7708100         | 1,874,170  | 0.0023118                  | 1,827,416  | 0.0023644                  |
| 7708200         | 1,996,964  | 0.0024632                  | 1,869,605  | 0.0024190                  |
| 7709100         | 266,463    | 0.0003287                  | 238,796    | 0.0003090                  |
| 7710100         | 192,201    | 0.0002371                  | 153,545    | 0.0001987                  |
| 7711100         | 5,192,791  | 0.0064052                  | 4,977,318  | 0.0064399                  |
| 7711200         | 5,618,435  | 0.0069303                  | 5,567,564  | 0.0072036                  |
| 7712100         | 928,543    | 0.0011453                  | 870,733    | 0.0011266                  |
| 7712200         | 326,848    | 0.0004032                  | 315,799    | 0.0004086                  |
| 7713100         | 547,660    | 0.0006755                  | 482,737    | 0.0006246                  |
| 7713200         | 571,680    | 0.0007052                  | 554,085    | 0.0007169                  |
| 7714100         | 629,686    | 0.0007767                  | 581,511    | 0.0007524                  |
| 7714200         | 658,436    | 0.0008122                  | 658,243    | 0.0008517                  |
| 7715100         | 673,355    | 0.0008306                  | 615,262    | 0.0007961                  |
| 7716100         | 2,658,145  | 0.0032788                  | 2,342,674  | 0.0030311                  |
| 7716200         | 4,062,888  | 0.0050115                  | 3,708,250  | 0.0047979                  |
| 7717100         | 268,764    | 0.0003315                  | 291,181    | 0.0003767                  |
| 7718100         | 61,224     | 0.0000755                  | 89,174     | 0.0001154                  |
| 7719100         | 7,634,954  | 0.0094176                  | 7,847,007  | 0.0101528                  |
| 7719200         | 10,260,440 | 0.0126561                  | 10,452,317 | 0.0135237                  |
| 7720100         | 1,313,861  | 0.0016206                  | 1,290,173  | 0.0016693                  |
| 7721100         | 705,700    | 0.0008705                  | 665,582    | 0.0008612                  |
| 7722100         | 960,233    | 0.0011844                  | 1,008,187  | 0.0013044                  |
| 7722200         | 752,281    | 0.0009279                  | 712,049    | 0.0009213                  |
| 7723100         | 2,601,451  | 0.0032089                  | 2,507,467  | 0.0032443                  |
| 7723200         | 1,906,389  | 0.0023515                  | 1,756,253  | 0.0022723                  |
| 7724100         | 249,906    | 0.0003083                  | 237,348    | 0.0003071                  |
| 7724200         | 67,814     | 0.0000836                  | 57,767     | 0.0000747                  |
| 7725100         | 897,153    | 0.0011066                  | 944,423    | 0.0012219                  |
| 7725200         | 453,173    | 0.0005590                  | 395,793    | 0.0005121                  |
| 7726100         | 4,660,549  | 0.0057487                  | 4,338,350  | 0.0056132                  |
| 7726200         | 5,298,397  | 0.0065355                  | 4,917,039  | 0.0063619                  |
| 7727100         | 1,080,003  | 0.0013322                  | 1,111,111  | 0.0014376                  |
| 7727200         | 1,162,925  | 0.0014345                  | 1,182,372  | 0.0015298                  |
| 7728100         | 44,558     | 0.0000550                  | 78,350     | 0.0001014                  |

**Indiana Public Retirement System**

**1977 Police Officers' and Firefighters' Retirement Fund  
Schedule of Employer Allocations  
As of and for the Years Ended June 30, 2017 and 2016**

| Submission Unit | 2017         |                            | 2016         |                            |
|-----------------|--------------|----------------------------|--------------|----------------------------|
|                 | Wages        | Proportionate Share Factor | Wages        | Proportionate Share Factor |
| 7729100         | \$ 1,841,844 | 0.0022719                  | \$ 1,709,284 | 0.0022116                  |
| 7729200         | 2,290,886    | 0.0028258                  | 2,108,095    | 0.0027276                  |
| 7730100         | 2,748,045    | 0.0033897                  | 2,662,462    | 0.0034448                  |
| 7730200         | 1,997,069    | 0.0024634                  | 1,756,118    | 0.0022722                  |
| 7731100         | 855,030      | 0.0010547                  | 781,527      | 0.0010112                  |
| 7731200         | 448,734      | 0.0005535                  | 403,007      | 0.0005214                  |
| 7732100         | 288,360      | 0.0003557                  | 299,451      | 0.0003874                  |
| 7733100         | 101,740      | 0.0001255                  | 108,062      | 0.0001398                  |
| 7734100         | 1,929,256    | 0.0023797                  | 1,849,760    | 0.0023933                  |
| 7735100         | 4,550,960    | 0.0056135                  | 4,695,868    | 0.0060757                  |
| 7735200         | 3,744,514    | 0.0046188                  | 3,397,994    | 0.0043965                  |
| 7736100         | 1,322,637    | 0.0016315                  | 1,321,604    | 0.0017100                  |
| 7737100         | 6,706,858    | 0.0082728                  | 5,820,687    | 0.0075311                  |
| 7737200         | 6,574,053    | 0.0081090                  | 6,131,519    | 0.0079333                  |
| 7738100         | 657,667      | 0.0008112                  | 592,513      | 0.0007666                  |
| 7738200         | 795,254      | 0.0009809                  | 735,347      | 0.0009514                  |
| 7739100         | 16,926,164   | 0.0208782                  | 16,394,425   | 0.0212119                  |
| 7739200         | 16,197,445   | 0.0199793                  | 15,670,028   | 0.0202746                  |
| 7740100         | 24,218,032   | 0.0298726                  | 24,252,824   | 0.0313795                  |
| 7740200         | 19,630,369   | 0.0242138                  | 18,754,344   | 0.0242653                  |
| 7741100         | 1,434,094    | 0.0017689                  | 1,391,389    | 0.0018002                  |
| 7741200         | 1,647,277    | 0.0020319                  | 1,595,276    | 0.0020640                  |
| 7742100         | 2,789,058    | 0.0034403                  | 2,615,150    | 0.0033836                  |
| 7742200         | 2,854,713    | 0.0035212                  | 2,807,503    | 0.0036325                  |
| 7743100         | 508,992      | 0.0006278                  | 543,054      | 0.0007026                  |
| 7744100         | 9,153,078    | 0.0112902                  | 8,639,299    | 0.0111779                  |
| 7744200         | 8,996,639    | 0.0110972                  | 9,051,252    | 0.0117110                  |
| 7745100         | 424,676      | 0.0005238                  | 384,843      | 0.0004979                  |
| 7746100         | 3,096,822    | 0.0038199                  | 2,774,373    | 0.0035896                  |
| 7746200         | 2,812,604    | 0.0034693                  | 2,475,313    | 0.0032027                  |
| 7747100         | 693,799      | 0.0008558                  | 686,897      | 0.0008887                  |
| 7747200         | 746,368      | 0.0009206                  | 685,006      | 0.0008863                  |
| 7748100         | 457,392      | 0.0005642                  | 455,518      | 0.0005894                  |
| 7748200         | 48,597       | 0.0000599                  | 48,135       | 0.0000623                  |
| 7749100         | 2,076,397    | 0.0025612                  | 1,917,591    | 0.0024811                  |
| 7749200         | 2,360,762    | 0.0029120                  | 2,220,371    | 0.0028728                  |
| 7750100         | 894,533      | 0.0011034                  | 666,912      | 0.0008629                  |
| 7750200         | 1,325,906    | 0.0016355                  | 1,198,293    | 0.0015504                  |
| 7751100         | 3,555,636    | 0.0043858                  | 3,183,121    | 0.0041185                  |
| 7751200         | 2,488,174    | 0.0030691                  | 2,192,099    | 0.0028362                  |
| 7752100         | 2,183,448    | 0.0026933                  | 2,126,194    | 0.0027510                  |
| 7753100         | 13,236,999   | 0.0163277                  | 12,852,482   | 0.0166292                  |
| 7753200         | 9,802,731    | 0.0120915                  | 9,634,149    | 0.0124651                  |
| 7754100         | 449,211      | 0.0005541                  | 405,860      | 0.0005251                  |
| 7754200         | 237,686      | 0.0002932                  | 233,201      | 0.0003017                  |
| 7755100         | 2,632,865    | 0.0032476                  | 2,481,627    | 0.0032109                  |
| 7756100         | 4,441,156    | 0.0054781                  | 4,016,256    | 0.0051964                  |



Indiana Public Retirement System

1977 Police Officers' and Firefighters' Retirement Fund  
 Schedule of Employer Allocations  
 As of and for the Years Ended June 30, 2017 and 2016

| Submission Unit | 2017         |                            | 2016         |                            |
|-----------------|--------------|----------------------------|--------------|----------------------------|
|                 | Wages        | Proportionate Share Factor | Wages        | Proportionate Share Factor |
| 7756200         | \$ 3,382,331 | 0.0041721                  | \$ 3,262,089 | 0.0042206                  |
| 7757100         | 560,452      | 0.0006913                  | 593,530      | 0.0007679                  |
| 7758100         | 1,615,756    | 0.0019930                  | 1,564,947    | 0.0020248                  |
| 7758200         | 1,761,167    | 0.0021724                  | 1,698,899    | 0.0021981                  |
| 7759100         | 97,828,753   | 0.1206701                  | 93,096,516   | 0.1204535                  |
| 7759200         | 87,776,724   | 0.1082714                  | 81,590,790   | 0.1055661                  |
| 7760100         | 202,511      | 0.0002498                  | 199,819      | 0.0002585                  |
| 7761100         | 1,113,309    | 0.0013733                  | 1,096,386    | 0.0014186                  |
| 7762100         | 4,991,986    | 0.0061575                  | 4,542,336    | 0.0058771                  |
| 7762200         | 5,063,481    | 0.0062457                  | 4,835,974    | 0.0062570                  |
| 7763100         | 727,522      | 0.0008974                  | 719,161      | 0.0009305                  |
| 7763200         | 439,920      | 0.0005426                  | 430,853      | 0.0005575                  |
| 7764100         | 310,453      | 0.0003829                  | 314,563      | 0.0004070                  |
| 7765100         | 5,229,064    | 0.0064500                  | 5,238,478    | 0.0067778                  |
| 7765200         | 4,945,203    | 0.0060998                  | 4,869,868    | 0.0063009                  |
| 7766100         | 8,439,259    | 0.0104097                  | 7,580,954    | 0.0098086                  |
| 7766200         | 8,334,499    | 0.0102805                  | 7,773,626    | 0.0100579                  |
| 7767100         | 2,099,765    | 0.0025900                  | 1,920,862    | 0.0024853                  |
| 7767200         | 2,178,506    | 0.0026872                  | 2,005,270    | 0.0025945                  |
| 7768100         | 3,644,073    | 0.0044949                  | 3,707,300    | 0.0047967                  |
| 7768200         | 5,022,953    | 0.0061957                  | 4,846,494    | 0.0062706                  |
| 7769100         | 1,258,544    | 0.0015524                  | 1,112,806    | 0.0014398                  |
| 7769200         | 472,120      | 0.0005824                  | 440,328      | 0.0005697                  |
| 7770100         | 1,776,988    | 0.0021919                  | 1,583,440    | 0.0020487                  |
| 7770200         | 1,660,297    | 0.002048                   | 1,475,062    | 0.0019085                  |
| 7771100         | 430,135      | 0.0005306                  | 462,612      | 0.0005985                  |
| 7771200         | 137,954      | 0.0001702                  | 142,590      | 0.0001845                  |
| 7772100         | 364,154      | 0.0004492                  | 359,067      | 0.0004646                  |
| 7772200         | 309,400      | 0.0003816                  | 290,821      | 0.0003763                  |
| 7773100         | 1,643,118    | 0.0020268                  | 1,659,570    | 0.0021472                  |
| 7773200         | 1,478,257    | 0.0018234                  | 1,516,200    | 0.0019617                  |
| 7774100         | 117,883      | 0.0001454                  | 137,272      | 0.0001776                  |
| 7775100         | 1,062,597    | 0.0013107                  | 923,036      | 0.0011943                  |
| 7776100         | 1,387,014    | 0.0017109                  | 1,363,296    | 0.0017639                  |
| 7777100         | 2,921,162    | 0.0036032                  | 2,759,389    | 0.0035702                  |
| 7777200         | 2,691,050    | 0.0033194                  | 2,633,477    | 0.0034073                  |
| 7781100         | 1,204,455    | 0.0014857                  | 1,040,193    | 0.0013459                  |
| 7781200         | 951,153      | 0.0011732                  | 1,131,689    | 0.0014642                  |
| 7782100         | 3,556,649    | 0.0043871                  | 3,116,572    | 0.0040324                  |
| 7782200         | 714,814      | 0.0008817                  | 675,828      | 0.0008744                  |
| 7783100         | 4,348,318    | 0.0053636                  | 4,225,896    | 0.0054677                  |
| 7783200         | 3,768,358    | 0.0046482                  | 3,749,765    | 0.0048516                  |
| 7784100         | 5,897,944    | 0.0072750                  | 5,526,966    | 0.0071511                  |
| 7784200         | 5,991,548    | 0.0073905                  | 5,536,602    | 0.0071635                  |
| 7785100         | 293,488      | 0.0003620                  | 259,701      | 0.0003360                  |
| 7786100         | 508,076      | 0.0006267                  | 514,980      | 0.0006663                  |
| 7786200         | 992,254      | 0.0012239                  | 944,942      | 0.0012226                  |

Indiana Public Retirement System

1977 Police Officers' and Firefighters' Retirement Fund  
 Schedule of Employer Allocations  
 As of and for the Years Ended June 30, 2017 and 2016

| Submission Unit | 2017       |                            | 2016       |                            |
|-----------------|------------|----------------------------|------------|----------------------------|
|                 | Wages      | Proportionate Share Factor | Wages      | Proportionate Share Factor |
| 7787100         | \$ 157,759 | 0.0001946                  | \$ 170,973 | 0.0002212                  |
| 7788100         | 607,733    | 0.0007496                  | 606,128    | 0.0007842                  |
| 7788200         | 319,869    | 0.0003946                  | 312,336    | 0.0004041                  |
| 7789100         | 4,924,134  | 0.0060739                  | 4,526,462  | 0.0058566                  |
| 7789200         | 5,435,005  | 0.0067040                  | 5,043,953  | 0.0065261                  |
| 7790100         | 2,686,676  | 0.0033140                  | 2,677,999  | 0.0034649                  |
| 7791100         | 790,920    | 0.0009756                  | 707,772    | 0.0009157                  |
| 7792100         | 4,290,507  | 0.0052923                  | 4,157,737  | 0.0053795                  |
| 7792200         | 4,355,328  | 0.0053722                  | 4,274,830  | 0.0055310                  |
| 7793100         | 1,332,504  | 0.0016436                  | 1,357,904  | 0.0017569                  |
| 7793200         | 1,285,940  | 0.0015862                  | 1,265,344  | 0.0016372                  |
| 7794100         | 981,289    | 0.0012104                  | 903,127    | 0.0011685                  |
| 7795100         | 4,686,315  | 0.0057805                  | 4,612,272  | 0.0059676                  |
| 7795200         | 7,537,923  | 0.0092979                  | 7,661,050  | 0.0099122                  |
| 7796100         | 818,263    | 0.0010093                  | 792,488    | 0.0010254                  |
| 7796200         | 133,507    | 0.0001647                  | 57,628     | 0.0000746                  |
| 7797100         | 144,402    | 0.0001781                  | 132,593    | 0.0001716                  |
| 7798100         | 1,114,687  | 0.0013750                  | 997,783    | 0.0012910                  |
| 7798200         | 1,211,337  | 0.0014942                  | 1,288,726  | 0.0016674                  |
| 7799100         | 128,706    | 0.0001588                  | 122,760    | 0.0001588                  |
| 7800100         | 2,699,580  | 0.0033299                  | 2,554,252  | 0.0033048                  |
| 7800200         | 3,804,619  | 0.0046929                  | 3,631,090  | 0.0046981                  |
| 7801100         | 1,255,781  | 0.001549                   | 1,116,462  | 0.0014445                  |
| 7801200         | 600,736    | 0.000741                   | 542,656    | 0.0007021                  |
| 7802100         | 3,421,367  | 0.0042202                  | 3,804,675  | 0.0049227                  |
| 7802200         | 3,239,946  | 0.0039964                  | 3,651,457  | 0.0047244                  |
| 7803100         | 488,242    | 0.0006022                  | 468,147    | 0.0006057                  |
| 7803200         | 340,435    | 0.0004199                  | 300,437    | 0.0003887                  |
| 7804100         | 831,422    | 0.0010255                  | 724,774    | 0.0009377                  |
| 7804200         | 500,054    | 0.0006168                  | 525,554    | 0.0006800                  |
| 7805100         | 564,258    | 0.0006960                  | 526,456    | 0.0006812                  |
| 7806100         | 3,190,497  | 0.0039354                  | 3,291,009  | 0.0042581                  |
| 7806200         | 3,781,864  | 0.0046649                  | 3,642,911  | 0.0047134                  |
| 7807100         | 358,201    | 0.0004418                  | 386,763    | 0.0005004                  |
| 7808100         | 527,846    | 0.0006511                  | 463,538    | 0.0005997                  |
| 7808200         | 378,769    | 0.0004672                  | 322,564    | 0.0004173                  |
| 7810100         | 547,804    | 0.0006757                  | 511,214    | 0.0006614                  |
| 7810200         | 670,736    | 0.0008273                  | 637,264    | 0.0008245                  |
| 7811100         | 525,610    | 0.0006483                  | 518,530    | 0.0006709                  |
| 7811200         | 323,452    | 0.0003990                  | 325,273    | 0.0004209                  |
| 7812100         | 3,014,382  | 0.0037182                  | 2,924,149  | 0.0037834                  |
| 7812200         | 937,951    | 0.0011569                  | 885,250    | 0.0011454                  |
| 7813100         | 692,238    | 0.0008539                  | 690,883    | 0.0008939                  |
| 7813200         | 67,845     | 0.0000837                  | -          | 0.0000000                  |
| 7814100         | 781,294    | 0.0009637                  | 771,801    | 0.0009986                  |
| 7815100         | 2,319,456  | 0.0028610                  | 2,203,760  | 0.0028513                  |
| 7815200         | 2,156,984  | 0.0026606                  | 2,172,550  | 0.0028110                  |

**Indiana Public Retirement System**

**1977 Police Officers' and Firefighters' Retirement Fund  
Schedule of Employer Allocations  
As of and for the Years Ended June 30, 2017 and 2016**

| Submission Unit | 2017         |                            | 2016         |                            |
|-----------------|--------------|----------------------------|--------------|----------------------------|
|                 | Wages        | Proportionate Share Factor | Wages        | Proportionate Share Factor |
| 7816100         | \$ 2,570,394 | 0.0031705                  | \$ 2,343,412 | 0.0030320                  |
| 7816200         | 3,564,505    | 0.0043968                  | 3,426,473    | 0.0044333                  |
| 7817100         | 13,968,031   | 0.0172294                  | 13,571,531   | 0.0175595                  |
| 7817200         | 14,398,217   | 0.0177600                  | 13,588,032   | 0.0175809                  |
| 7819100         | 2,146,158    | 0.0026473                  | 2,307,290    | 0.0029853                  |
| 7819200         | 2,180,964    | 0.0026902                  | 2,317,721    | 0.0029988                  |
| 7820100         | 153,132      | 0.0001889                  | 214,760      | 0.0002779                  |
| 7820200         | 137,885      | 0.0001701                  | 159,260      | 0.0002061                  |
| 7821100         | 530,533      | 0.0006544                  | 490,189      | 0.0006342                  |
| 7822100         | 7,018,515    | 0.0086572                  | 7,091,453    | 0.0091753                  |
| 7822200         | 8,463,469    | 0.0104396                  | 8,593,129    | 0.0111182                  |
| 7823100         | 518,978      | 0.0006402                  | 515,525      | 0.0006670                  |
| 7823200         | 562,251      | 0.0006935                  | 560,576      | 0.0007253                  |
| 7824100         | 265,599      | 0.0003276                  | 273,813      | 0.0003543                  |
| 7824200         | 245,644      | 0.0003030                  | 273,427      | 0.0003538                  |
| 7825100         | 3,452,842    | 0.0042590                  | 2,793,198    | 0.0036140                  |
| 7825200         | 4,042,244    | 0.0049861                  | 3,718,059    | 0.0048106                  |
| 7826100         | 1,495,156    | 0.0018443                  | 1,343,374    | 0.0017381                  |
| 7826200         | 1,548,291    | 0.0019098                  | 1,480,958    | 0.0019161                  |
| 7827100         | 1,321,541    | 0.0016301                  | 1,264,030    | 0.0016355                  |
| 7827200         | 1,692,618    | 0.0020878                  | 1,659,203    | 0.0021468                  |
| 7828100         | 2,076,594    | 0.0025615                  | 2,018,094    | 0.0026111                  |
| 7828200         | 1,842,693    | 0.0022729                  | 1,725,866    | 0.0022330                  |
| 7829100         | 817,369      | 0.0010082                  | 765,676      | 0.0009907                  |
| 7829200         | 700,431      | 0.000864                   | 686,133      | 0.0008878                  |
| 7830100         | 2,657,652    | 0.0032782                  | 2,622,424    | 0.0033930                  |
| 7830200         | 2,682,506    | 0.0033088                  | 2,548,866    | 0.0032978                  |
| 7831100         | 965,635      | 0.0011911                  | 915,380      | 0.0011844                  |
| 7831200         | 921,518      | 0.0011367                  | 915,848      | 0.0011850                  |
| 7832100         | 415,729      | 0.0005128                  | 364,179      | 0.0004712                  |
| 7832200         | 329,447      | 0.0004064                  | 238,033      | 0.0003080                  |
| 7834100         | 1,125,809    | 0.0013887                  | 1,175,821    | 0.0015213                  |
| 7835100         | 410,332      | 0.0005061                  | 402,632      | 0.0005209                  |
| 7835200         | 369,699      | 0.0004560                  | 410,082      | 0.0005306                  |
| 7836200         | 9,522,596    | 0.0117460                  | 9,719,609    | 0.0125757                  |
| 7837200         | 265,289      | 0.0003272                  | 250,365      | 0.0003239                  |
| 7839100         | 11,340       | 0.0000140                  | 32,780       | 0.0000424                  |
| 7840100         | 254,948      | 0.0003145                  | 242,440      | 0.0003137                  |
| 7841200         | 500,054      | 0.0006168                  | 487,549      | 0.0006308                  |
| 7843200         | 804,667      | 0.0009925                  | 714,709      | 0.0009247                  |
| 7844200         | 630,463      | 0.0007777                  | 676,229      | 0.0008749                  |
| 7845100         | 686,110      | 0.0008463                  | 546,760      | 0.0007074                  |
| 7846100         | 948,053      | 0.0011694                  | 937,992      | 0.0012136                  |
| 7846200         | 635,595      | 0.0007840                  | 587,743      | 0.0007605                  |
| 7847200         | 395,541      | 0.0004879                  | 380,006      | 0.0004917                  |
| 7849200         | 933,430      | 0.0011514                  | 677,583      | 0.0008767                  |
| 7850100         | 7,229,686    | 0.0089177                  | 6,289,024    | 0.0081370                  |

**Indiana Public Retirement System**

**1977 Police Officers' and Firefighters' Retirement Fund  
Schedule of Employer Allocations  
As of and for the Years Ended June 30, 2017 and 2016**

| Submission Unit | 2017           |                            | 2016           |                            |
|-----------------|----------------|----------------------------|----------------|----------------------------|
|                 | Wages          | Proportionate Share Factor | Wages          | Proportionate Share Factor |
| 7850200         | \$ 8,582,123   | 0.0105859                  | \$ 8,120,671   | 0.0105069                  |
| 7851200         | 2,597,154      | 0.0032036                  | 2,234,604      | 0.0028912                  |
| 7852200         | 9,365,895      | 0.0115527                  | 8,502,319      | 0.0110007                  |
| 7853100         | 237,999        | 0.0002936                  | 232,580        | 0.0003009                  |
| 7854100         | 163,664        | 0.0002019                  | 140,598        | 0.0001819                  |
| 7855100         | 1,324,030      | 0.0016332                  | 1,174,794      | 0.0015200                  |
| 7855200         | 3,868,845      | 0.0047722                  | 4,057,257      | 0.0052495                  |
| 7856200         | 1,758,445      | 0.0021690                  | 1,738,748      | 0.0022497                  |
| 7857100         | 482,009        | 0.0005946                  | 494,878        | 0.0006403                  |
| 7858100         | 1,212,377      | 0.0014955                  | 1,231,100      | 0.0015929                  |
| 7859100         | 315,693        | 0.0003894                  | 212,333        | 0.0002747                  |
| 7859200         | 500,042        | 0.0006168                  | 501,364        | 0.0006487                  |
| 7860200         | 3,903,338      | 0.0048147                  | 3,903,763      | 0.0050509                  |
| 7861100         | 102,014        | 0.0001258                  | 155,286        | 0.0002009                  |
| 7862200         | 1,431,980      | 0.0017663                  | 1,546,157      | 0.0020005                  |
| 7863100         | 21,635         | 0.0000267                  | -              | 0.0000000                  |
| 7864100         | 1,015,716      | 0.0012529                  | 949,755        | 0.0012288                  |
| 7864200         | 3,875,401      | 0.0047803                  | 3,478,517      | 0.0045007                  |
| 7865100         | 575,188        | 0.0007095                  | 519,572        | 0.0006722                  |
| 7865200         | 921,600        | 0.0011368                  | 742,769        | 0.0009610                  |
| 7866100         | 160,068        | 0.0001974                  | 157,379        | 0.0002036                  |
| 7867100         | 551,730        | 0.0006806                  | 520,672        | 0.0006737                  |
| 7867200         | 973,091        | 0.0012003                  | 836,601        | 0.0010824                  |
| 7868200         | 78,394         | 0.0000967                  | 78,394         | 0.0001014                  |
| 7869100         | 331,073        | 0.0004084                  | 358,476        | 0.0004638                  |
| 7870100         | 317,905        | 0.0003921                  | 292,995        | 0.0003791                  |
| 7871200         | 396,890        | 0.0004896                  | 357,942        | 0.0004631                  |
| 7872200         | 343,646        | 0.0004239                  | 335,474        | 0.0004341                  |
| 7873100         | 377,752        | 0.0004660                  | -              | 0.0000000                  |
| 7874100         | 255,750        | 0.0003155                  | 235,383        | 0.0003046                  |
| 7875100         | 267,960        | 0.0003305                  | 271,440        | 0.0003512                  |
| 7876200         | 2,778,796      | 0.0034276                  | -              | 0.0000000                  |
| Total           | \$ 810,710,246 | 1.0000000                  | \$ 772,887,827 | 1.0000000                  |

See accompanying Notes to the Schedules.

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Indiana Public Retirement System

1977 Police Officers' and Firefighters' Retirement Fund  
 Schedule of Pension Amounts by Employer  
 As of and for the Year Ended June 30, 2017  
 and Beginning Net Pension Liability as of July 1, 2016

| Submission Unit | Beginning Net Pension Liability (Asset) | Ending Net Pension Liability (Asset) | Deferred Outflows of Resources - Debit             |                                                                                             |                        |                                                                                                               |                                      |
|-----------------|-----------------------------------------|--------------------------------------|----------------------------------------------------|---------------------------------------------------------------------------------------------|------------------------|---------------------------------------------------------------------------------------------------------------|--------------------------------------|
|                 |                                         |                                      | Differences Between Expected and Actual Experience | Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments | Changes of Assumptions | Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions | Total Deferred Outflows of Resources |
| 7700100         | \$ 57,122                               | \$ (9,544)                           | \$ 38,432                                          | \$ 188,530                                                                                  | \$ -                   | \$ 2,048                                                                                                      | \$ 229,010                           |
| 7700200         | 56,109                                  | (9,056)                              | 36,469                                             | 178,901                                                                                     | -                      | 2,627                                                                                                         | 217,997                              |
| 7701100         | 607,582                                 | (98,719)                             | 397,541                                            | 1,950,149                                                                                   | -                      | 8,567                                                                                                         | 2,356,257                            |
| 7701200         | 640,194                                 | (103,353)                            | 416,202                                            | 2,041,687                                                                                   | -                      | 8,885                                                                                                         | 2,466,774                            |
| 7702100         | 103,442                                 | (17,400)                             | 70,069                                             | 343,724                                                                                     | -                      | 8,673                                                                                                         | 422,466                              |
| 7703100         | 30,089                                  | (4,623)                              | 18,617                                             | 91,325                                                                                      | -                      | 12,241                                                                                                        | 122,183                              |
| 7704100         | 119,495                                 | (20,531)                             | 82,679                                             | 405,583                                                                                     | -                      | 12,102                                                                                                        | 500,364                              |
| 7704200         | 94,514                                  | (15,959)                             | 64,267                                             | 315,264                                                                                     | -                      | 1,163                                                                                                         | 380,694                              |
| 7705100         | 51,223                                  | (8,228)                              | 33,134                                             | 162,538                                                                                     | -                      | 4,454                                                                                                         | 200,126                              |
| 7706100         | 72,233                                  | (11,025)                             | 44,396                                             | 217,784                                                                                     | -                      | 7,995                                                                                                         | 270,175                              |
| 7706200         | 12,037                                  | (1,876)                              | 7,554                                              | 37,054                                                                                      | -                      | 3,922                                                                                                         | 48,530                               |
| 7707100         | 160,093                                 | (26,700)                             | 107,520                                            | 527,440                                                                                     | -                      | 5,880                                                                                                         | 640,840                              |
| 7707200         | 189,285                                 | (32,401)                             | 130,478                                            | 640,065                                                                                     | -                      | 4,214                                                                                                         | 774,757                              |
| 7708100         | 210,046                                 | (35,660)                             | 143,604                                            | 704,452                                                                                     | -                      | 3,714                                                                                                         | 851,770                              |
| 7708200         | 214,897                                 | (37,996)                             | 153,009                                            | 750,587                                                                                     | -                      | 5,823                                                                                                         | 909,419                              |
| 7709100         | 27,451                                  | (5,070)                              | 20,418                                             | 100,162                                                                                     | -                      | 1,489                                                                                                         | 122,069                              |
| 7710100         | 17,652                                  | (3,657)                              | 14,728                                             | 72,249                                                                                      | -                      | 6,124                                                                                                         | 93,101                               |
| 7711100         | 572,101                                 | (98,803)                             | 397,877                                            | 1,951,794                                                                                   | -                      | 30,776                                                                                                        | 2,380,447                            |
| 7711200         | 639,946                                 | (106,903)                            | 430,495                                            | 2,111,803                                                                                   | -                      | 35,912                                                                                                        | 2,578,210                            |
| 7712100         | 100,084                                 | (17,667)                             | 71,144                                             | 348,996                                                                                     | -                      | 5,295                                                                                                         | 425,435                              |
| 7712200         | 36,299                                  | (6,220)                              | 25,046                                             | 122,863                                                                                     | -                      | 6,167                                                                                                         | 154,076                              |
| 7713100         | 55,488                                  | (10,420)                             | 41,961                                             | 205,839                                                                                     | -                      | 19,604                                                                                                        | 267,404                              |
| 7713200         | 63,687                                  | (10,878)                             | 43,805                                             | 214,889                                                                                     | -                      | 789                                                                                                           | 259,483                              |
| 7714100         | 66,841                                  | (11,981)                             | 48,247                                             | 236,676                                                                                     | -                      | 3,483                                                                                                         | 288,406                              |
| 7714200         | 75,662                                  | (12,529)                             | 50,452                                             | 247,494                                                                                     | -                      | 3,534                                                                                                         | 301,480                              |
| 7715100         | 70,723                                  | (12,812)                             | 51,595                                             | 253,101                                                                                     | -                      | 7,649                                                                                                         | 312,345                              |
| 7716100         | 269,274                                 | (50,577)                             | 203,672                                            | 999,117                                                                                     | -                      | 48,368                                                                                                        | 1,251,157                            |
| 7716200         | 426,231                                 | (77,304)                             | 311,303                                            | 1,527,105                                                                                   | -                      | 40,285                                                                                                        | 1,878,693                            |
| 7717100         | 33,465                                  | (5,114)                              | 20,592                                             | 101,015                                                                                     | -                      | 2,236                                                                                                         | 123,843                              |
| 7718100         | 10,252                                  | (1,165)                              | 4,690                                              | 23,006                                                                                      | -                      | 1,799                                                                                                         | 29,495                               |
| 7719100         | 901,944                                 | (145,270)                            | 585,001                                            | 2,869,733                                                                                   | -                      | 91,751                                                                                                        | 3,546,485                            |
| 7719200         | 1,201,404                               | (195,225)                            | 786,169                                            | 3,856,570                                                                                   | -                      | 81,993                                                                                                        | 4,724,732                            |
| 7720100         | 148,295                                 | (24,998)                             | 100,668                                            | 493,830                                                                                     | -                      | 22,955                                                                                                        | 617,453                              |
| 7721100         | 76,506                                  | (13,428)                             | 54,074                                             | 265,259                                                                                     | -                      | 9,578                                                                                                         | 328,911                              |
| 7722100         | 115,879                                 | (18,270)                             | 73,572                                             | 360,911                                                                                     | -                      | 7,973                                                                                                         | 442,456                              |
| 7722200         | 81,845                                  | (14,313)                             | 57,639                                             | 282,750                                                                                     | -                      | 5,488                                                                                                         | 345,877                              |
| 7723100         | 288,214                                 | (49,499)                             | 199,330                                            | 977,817                                                                                     | -                      | 27,912                                                                                                        | 1,205,059                            |
| 7723200         | 201,864                                 | (36,273)                             | 146,070                                            | 716,550                                                                                     | -                      | 9,900                                                                                                         | 872,520                              |
| 7724100         | 27,282                                  | (4,756)                              | 19,151                                             | 93,945                                                                                      | -                      | 9,655                                                                                                         | 122,751                              |
| 7724200         | 6,636                                   | (1,290)                              | 5,193                                              | 25,475                                                                                      | -                      | 313                                                                                                           | 30,981                               |
| 7725100         | 108,550                                 | (17,070)                             | 68,740                                             | 337,203                                                                                     | -                      | 14,148                                                                                                        | 420,091                              |
| 7725200         | 45,493                                  | (8,623)                              | 34,724                                             | 170,339                                                                                     | -                      | 9,464                                                                                                         | 214,527                              |
| 7726100         | 498,659                                 | (88,676)                             | 357,097                                            | 1,751,745                                                                                   | -                      | 58,293                                                                                                        | 2,167,135                            |
| 7726200         | 565,172                                 | (100,813)                            | 405,971                                            | 1,991,499                                                                                   | -                      | 36,740                                                                                                        | 2,434,210                            |
| 7727100         | 127,712                                 | (20,550)                             | 82,753                                             | 405,948                                                                                     | -                      | 14,506                                                                                                        | 503,207                              |
| 7727200         | 135,903                                 | (22,128)                             | 89,108                                             | 437,121                                                                                     | -                      | 9,825                                                                                                         | 536,054                              |
| 7728100         | 9,008                                   | (848)                                | 3,416                                              | 16,760                                                                                      | -                      | 151                                                                                                           | 20,327                               |
| 7729100         | 196,472                                 | (35,045)                             | 141,125                                            | 692,294                                                                                     | -                      | 35,740                                                                                                        | 869,159                              |
| 7729200         | 242,312                                 | (43,589)                             | 175,532                                            | 861,078                                                                                     | -                      | 17,219                                                                                                        | 1,053,829                            |
| 7730100         | 306,025                                 | (52,287)                             | 210,561                                            | 1,032,910                                                                                   | -                      | 49,727                                                                                                        | 1,293,198                            |
| 7730200         | 201,855                                 | (37,999)                             | 153,021                                            | 750,648                                                                                     | -                      | 17,447                                                                                                        | 921,116                              |
| 7731100         | 89,832                                  | (16,269)                             | 65,516                                             | 321,388                                                                                     | -                      | 19,856                                                                                                        | 406,760                              |
| 7731200         | 46,320                                  | (8,538)                              | 34,382                                             | 168,663                                                                                     | -                      | 2,347                                                                                                         | 205,392                              |
| 7732100         | 34,415                                  | (5,487)                              | 22,095                                             | 108,389                                                                                     | -                      | 4,708                                                                                                         | 135,192                              |
| 7733100         | 12,419                                  | (1,936)                              | 7,796                                              | 38,242                                                                                      | -                      | 1,344                                                                                                         | 47,382                               |
| 7734100         | 212,613                                 | (36,708)                             | 147,822                                            | 725,143                                                                                     | -                      | 15,104                                                                                                        | 888,069                              |
| 7735100         | 539,746                                 | (86,590)                             | 348,698                                            | 1,710,547                                                                                   | -                      | 12,058                                                                                                        | 2,071,303                            |
| 7735200         | 390,572                                 | (71,247)                             | 286,910                                            | 1,407,442                                                                                   | -                      | 10,323                                                                                                        | 1,704,675                            |

| Deferred Inflows of Resources - Credit             |                                                                                             |                        |                                                                                                               |                                     |
|----------------------------------------------------|---------------------------------------------------------------------------------------------|------------------------|---------------------------------------------------------------------------------------------------------------|-------------------------------------|
| Differences Between Expected and Actual Experience | Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments | Changes of Assumptions | Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions | Total Deferred Inflows of Resources |
| \$ 29,989                                          | \$ 62,525                                                                                   | \$ 142,748             | \$ 4,132                                                                                                      | \$ 239,394                          |
| 28,457                                             | 59,331                                                                                      | 135,457                | 4,427                                                                                                         | 227,672                             |
| 310,205                                            | 646,752                                                                                     | 1,476,575              | 87,665                                                                                                        | 2,521,197                           |
| 324,765                                            | 677,109                                                                                     | 1,545,884              | 161,789                                                                                                       | 2,709,547                           |
| 54,675                                             | 113,994                                                                                     | 260,254                | 5,775                                                                                                         | 434,698                             |
| 14,527                                             | 30,287                                                                                      | 69,147                 | 1,445                                                                                                         | 115,406                             |
| 64,515                                             | 134,508                                                                                     | 307,091                | 8,387                                                                                                         | 514,501                             |
| 50,148                                             | 104,555                                                                                     | 238,705                | 4,381                                                                                                         | 397,789                             |
| 25,854                                             | 53,904                                                                                      | 123,067                | 9,042                                                                                                         | 211,867                             |
| 34,642                                             | 72,226                                                                                      | 164,897                | 8,815                                                                                                         | 280,580                             |
| 5,894                                              | 12,289                                                                                      | 28,056                 | 798                                                                                                           | 47,037                              |
| 83,898                                             | 174,921                                                                                     | 399,357                | 4,808                                                                                                         | 662,984                             |
| 101,813                                            | 212,273                                                                                     | 484,632                | 9,983                                                                                                         | 808,701                             |
| 112,055                                            | 233,626                                                                                     | 533,383                | 9,088                                                                                                         | 888,152                             |
| 119,394                                            | 248,926                                                                                     | 568,315                | 13,321                                                                                                        | 949,956                             |
| 15,932                                             | 33,218                                                                                      | 75,838                 | 2,911                                                                                                         | 127,899                             |
| 11,492                                             | 23,961                                                                                      | 54,704                 | 12,349                                                                                                        | 102,506                             |
| 310,466                                            | 647,297                                                                                     | 1,477,821              | 63,926                                                                                                        | 2,499,510                           |
| 335,919                                            | 700,363                                                                                     | 1,598,973              | 47,446                                                                                                        | 2,682,701                           |
| 55,514                                             | 115,742                                                                                     | 264,246                | 5,874                                                                                                         | 441,376                             |
| 19,544                                             | 40,747                                                                                      | 93,027                 | 367                                                                                                           | 153,685                             |
| 32,742                                             | 68,265                                                                                      | 155,853                | 10,148                                                                                                        | 267,008                             |
| 34,182                                             | 71,266                                                                                      | 162,705                | 6,480                                                                                                         | 274,633                             |
| 37,647                                             | 78,492                                                                                      | 179,202                | 6,810                                                                                                         | 302,151                             |
| 39,368                                             | 82,079                                                                                      | 187,392                | 4,326                                                                                                         | 313,165                             |
| 40,260                                             | 83,939                                                                                      | 191,638                | 7,561                                                                                                         | 323,398                             |
| 158,927                                            | 331,349                                                                                     | 756,491                | 38,243                                                                                                        | 1,285,010                           |
| 242,912                                            | 506,453                                                                                     | 1,156,264              | 68,706                                                                                                        | 1,974,335                           |
| 16,068                                             | 33,501                                                                                      | 76,484                 | 4,175                                                                                                         | 130,228                             |
| 3,660                                              | 7,630                                                                                       | 17,420                 | 2,546                                                                                                         | 31,256                              |
| 456,481                                            | 951,725                                                                                     | 2,172,848              | 52,266                                                                                                        | 3,633,320                           |
| 613,454                                            | 1,279,001                                                                                   | 2,920,041              | 95,284                                                                                                        | 4,907,780                           |
| 78,552                                             | 163,775                                                                                     | 373,908                | 1,092                                                                                                         | 617,327                             |
| 42,194                                             | 87,971                                                                                      | 200,844                | 7,655                                                                                                         | 338,664                             |
| 57,409                                             | 119,693                                                                                     | 273,267                | 15,506                                                                                                        | 465,875                             |
| 44,976                                             | 93,772                                                                                      | 214,087                | 8,697                                                                                                         | 361,532                             |
| 155,539                                            | 324,285                                                                                     | 740,364                | 1,810                                                                                                         | 1,221,998                           |
| 113,980                                            | 237,638                                                                                     | 542,543                | 12,935                                                                                                        | 907,096                             |
| 14,944                                             | 31,156                                                                                      | 71,132                 | 23,112                                                                                                        | 140,344                             |
| 4,052                                              | 8,448                                                                                       | 19,288                 | 1,327                                                                                                         | 33,115                              |
| 53,638                                             | 111,831                                                                                     | 255,317                | 2,763                                                                                                         | 423,549                             |
| 27,095                                             | 56,491                                                                                      | 128,974                | 367                                                                                                           | 212,927                             |
| 278,645                                            | 580,953                                                                                     | 1,326,352              | 567                                                                                                           | 2,186,517                           |
| 316,782                                            | 660,465                                                                                     | 1,507,884              | 20,371                                                                                                        | 2,505,502                           |
| 64,573                                             | 134,630                                                                                     | 307,368                | 27,676                                                                                                        | 534,247                             |
| 69,532                                             | 144,968                                                                                     | 330,971                | 16,772                                                                                                        | 562,243                             |
| 2,666                                              | 5,558                                                                                       | 12,690                 | 14,375                                                                                                        | 35,289                              |
| 110,121                                            | 229,594                                                                                     | 524,177                | 9,373                                                                                                         | 873,265                             |
| 136,969                                            | 285,570                                                                                     | 651,974                | 33,557                                                                                                        | 1,108,070                           |
| 164,302                                            | 342,557                                                                                     | 782,079                | 1,423                                                                                                         | 1,290,361                           |
| 119,403                                            | 248,947                                                                                     | 568,361                | 260                                                                                                           | 936,971                             |
| 51,122                                             | 106,586                                                                                     | 243,343                | 7,199                                                                                                         | 408,250                             |
| 26,829                                             | 55,936                                                                                      | 127,705                | 2,303                                                                                                         | 212,773                             |
| 17,241                                             | 35,946                                                                                      | 82,068                 | 13,448                                                                                                        | 148,703                             |
| 6,083                                              | 12,683                                                                                      | 28,956                 | 4,808                                                                                                         | 52,530                              |
| 115,346                                            | 240,488                                                                                     | 549,049                | 485                                                                                                           | 905,368                             |
| 272,092                                            | 567,290                                                                                     | 1,295,158              | 108,455                                                                                                       | 2,242,995                           |
| 223,878                                            | 466,767                                                                                     | 1,065,659              | 119,527                                                                                                       | 1,875,831                           |

| Pension Expense (Income)                              |                                                                         |                                                                                                                                                         |                       |
|-------------------------------------------------------|-------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| Proportionate Share of Allocable Plan Pension Expense | Pension Expense Related to Specific Liabilities of Individual Employers | Net Amortization of Deferred Amounts from Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions | Total Pension Expense |
| \$ 77,458                                             | \$ -                                                                    | \$ (292)                                                                                                                                                | \$ 77,166             |
| 73,502                                                | -                                                                       | (228)                                                                                                                                                   | 73,274                |
| 801,225                                               | -                                                                       | (14,060)                                                                                                                                                | 787,165               |
| 838,833                                               | -                                                                       | (26,630)                                                                                                                                                | 812,203               |
| 141,220                                               | -                                                                       | 696                                                                                                                                                     | 141,916               |
| 37,521                                                | -                                                                       | 2,025                                                                                                                                                   | 39,546                |
| 166,635                                               | -                                                                       | 772                                                                                                                                                     | 167,407               |
| 129,527                                               | -                                                                       | (534)                                                                                                                                                   | 128,993               |
| 66,779                                                | -                                                                       | (881)                                                                                                                                                   | 65,898                |
| 89,477                                                | -                                                                       | (99)                                                                                                                                                    | 89,378                |
| 15,224                                                | -                                                                       | 548                                                                                                                                                     | 15,772                |
| 216,700                                               | -                                                                       | 305                                                                                                                                                     | 217,005               |
| 262,973                                               | -                                                                       | (890)                                                                                                                                                   | 262,083               |
| 289,426                                               | -                                                                       | (962)                                                                                                                                                   | 288,464               |
| 308,381                                               | -                                                                       | (1,351)                                                                                                                                                 | 307,030               |
| 41,152                                                | -                                                                       | (313)                                                                                                                                                   | 40,839                |
| 29,684                                                | -                                                                       | (1,201)                                                                                                                                                 | 28,483                |
| 801,901                                               | -                                                                       | (5,570)                                                                                                                                                 | 796,331               |
| 867,641                                               | -                                                                       | (863)                                                                                                                                                   | 866,778               |
| 143,386                                               | -                                                                       | 21                                                                                                                                                      | 143,407               |
| 50,479                                                | -                                                                       | 1,073                                                                                                                                                   | 51,552                |
| 84,569                                                | -                                                                       | 1,561                                                                                                                                                   | 86,130                |
| 88,288                                                | -                                                                       | (934)                                                                                                                                                   | 87,354                |
| 97,239                                                | -                                                                       | (778)                                                                                                                                                   | 96,461                |
| 101,684                                               | -                                                                       | (231)                                                                                                                                                   | 101,453               |
| 103,987                                               | -                                                                       | (74)                                                                                                                                                    | 103,913               |
| 410,490                                               | -                                                                       | (77)                                                                                                                                                    | 410,413               |
| 627,416                                               | -                                                                       | (6,765)                                                                                                                                                 | 620,651               |
| 41,502                                                | -                                                                       | (283)                                                                                                                                                   | 41,219                |
| 9,452                                                 | -                                                                       | (130)                                                                                                                                                   | 9,322                 |
| 1,179,039                                             | -                                                                       | 5,882                                                                                                                                                   | 1,184,921             |
| 1,584,484                                             | -                                                                       | (4,279)                                                                                                                                                 | 1,580,205             |
| 202,891                                               | -                                                                       | 3,261                                                                                                                                                   | 206,152               |
| 108,982                                               | -                                                                       | 494                                                                                                                                                     | 109,476               |
| 148,281                                               | -                                                                       | (1,370)                                                                                                                                                 | 146,911               |
| 116,169                                               | -                                                                       | (776)                                                                                                                                                   | 115,393               |
| 401,739                                               | -                                                                       | 4,587                                                                                                                                                   | 406,326               |
| 294,397                                               | -                                                                       | (350)                                                                                                                                                   | 294,047               |
| 38,598                                                | -                                                                       | (2,895)                                                                                                                                                 | 35,703                |
| 10,466                                                | -                                                                       | (166)                                                                                                                                                   | 10,300                |
| 138,541                                               | -                                                                       | 2,166                                                                                                                                                   | 140,707               |
| 69,984                                                | -                                                                       | 1,486                                                                                                                                                   | 71,470                |
| 719,710                                               | -                                                                       | 10,280                                                                                                                                                  | 729,990               |
| 818,214                                               | -                                                                       | 3,132                                                                                                                                                   | 821,346               |
| 166,785                                               | -                                                                       | (2,057)                                                                                                                                                 | 164,728               |
| 179,593                                               | -                                                                       | (1,135)                                                                                                                                                 | 178,458               |
| 6,886                                                 | -                                                                       | (2,462)                                                                                                                                                 | 4,424                 |
| 284,431                                               | -                                                                       | 4,509                                                                                                                                                   | 288,940               |
| 353,777                                               | -                                                                       | (2,279)                                                                                                                                                 | 351,498               |
| 424,374                                               | -                                                                       | 8,406                                                                                                                                                   | 432,780               |
| 308,406                                               | -                                                                       | 2,589                                                                                                                                                   | 310,995               |
| 132,043                                               | -                                                                       | 2,537                                                                                                                                                   | 134,580               |
| 69,296                                                | -                                                                       | 21                                                                                                                                                      | 69,317                |
| 44,532                                                | -                                                                       | (1,472)                                                                                                                                                 | 43,060                |
| 15,712                                                | -                                                                       | (481)                                                                                                                                                   | 15,231                |
| 297,927                                               | -                                                                       | 2,480                                                                                                                                                   | 300,407               |
| 702,784                                               | -                                                                       | (18,089)                                                                                                                                                | 684,695               |
| 578,252                                               | -                                                                       | (20,374)                                                                                                                                                | 557,878               |

Indiana Public Retirement System

1977 Police Officers' and Firefighters' Retirement Fund  
 Schedule of Pension Amounts by Employer  
 As of and for the Year Ended June 30, 2017  
 and Beginning Net Pension Liability as of July 1, 2016

| Submission Unit | Beginning Net Pension Liability (Asset) | Ending Net Pension Liability (Asset) | Deferred Outflows of Resources - Debit             |                                                                                             |                        |                                                                                                               |                                      |
|-----------------|-----------------------------------------|--------------------------------------|----------------------------------------------------|---------------------------------------------------------------------------------------------|------------------------|---------------------------------------------------------------------------------------------------------------|--------------------------------------|
|                 |                                         |                                      | Differences Between Expected and Actual Experience | Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments | Changes of Assumptions | Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions | Total Deferred Outflows of Resources |
| 7736100         | \$ 151,911                              | \$ (25,167)                          | \$ 101,345                                         | \$ 497,151                                                                                  | \$ -                   | \$ 31,290                                                                                                     | \$ 629,786                           |
| 7737100         | 669,040                                 | (127,611)                            | 513,888                                            | 2,520,890                                                                                   | -                      | 75,970                                                                                                        | 3,110,748                            |
| 7737200         | 704,770                                 | (125,085)                            | 503,713                                            | 2,470,976                                                                                   | -                      | 63,929                                                                                                        | 3,038,618                            |
| 7738100         | 68,102                                  | (12,513)                             | 50,390                                             | 247,189                                                                                     | -                      | 1,901                                                                                                         | 299,480                              |
| 7738200         | 84,519                                  | (15,131)                             | 60,931                                             | 298,900                                                                                     | -                      | 10,768                                                                                                        | 370,599                              |
| 7739100         | 1,884,400                               | (322,055)                            | 1,296,908                                          | 6,362,010                                                                                   | -                      | 78,811                                                                                                        | 7,737,729                            |
| 7739200         | 1,801,133                               | (308,189)                            | 1,241,070                                          | 6,088,097                                                                                   | -                      | 178,271                                                                                                       | 7,507,438                            |
| 7740100         | 2,787,658                               | (460,797)                            | 1,855,620                                          | 9,102,786                                                                                   | -                      | 217,023                                                                                                       | 11,175,429                           |
| 7740200         | 2,155,655                               | (373,507)                            | 1,504,108                                          | 7,378,435                                                                                   | -                      | 150,334                                                                                                       | 9,032,877                            |
| 7741100         | 159,924                                 | (27,286)                             | 109,880                                            | 539,020                                                                                     | -                      | 21,695                                                                                                        | 670,595                              |
| 7741200         | 183,359                                 | (31,343)                             | 126,217                                            | 619,161                                                                                     | -                      | 23,316                                                                                                        | 768,694                              |
| 7742100         | 300,589                                 | (53,068)                             | 213,704                                            | 1,048,329                                                                                   | -                      | 52,337                                                                                                        | 1,314,370                            |
| 7742200         | 322,700                                 | (54,316)                             | 218,729                                            | 1,072,981                                                                                   | -                      | 3,963                                                                                                         | 1,295,673                            |
| 7743100         | 62,417                                  | (9,684)                              | 38,998                                             | 191,303                                                                                     | -                      | 6,900                                                                                                         | 237,201                              |
| 7744100         | 993,010                                 | (174,156)                            | 701,322                                            | 3,440,352                                                                                   | -                      | 41,384                                                                                                        | 4,183,058                            |
| 7744200         | 1,040,369                               | (171,179)                            | 689,334                                            | 3,381,541                                                                                   | -                      | 132,821                                                                                                       | 4,203,696                            |
| 7745100         | 44,232                                  | (8,080)                              | 32,537                                             | 159,612                                                                                     | -                      | 2,828                                                                                                         | 194,977                              |
| 7746100         | 318,889                                 | (58,923)                             | 237,284                                            | 1,164,001                                                                                   | -                      | 40,312                                                                                                        | 1,441,597                            |
| 7746200         | 284,518                                 | (53,515)                             | 215,505                                            | 1,057,166                                                                                   | -                      | 38,826                                                                                                        | 1,311,497                            |
| 7747100         | 78,949                                  | (13,201)                             | 53,160                                             | 260,780                                                                                     | -                      | 6,988                                                                                                         | 320,928                              |
| 7747200         | 78,736                                  | (14,201)                             | 57,186                                             | 280,525                                                                                     | -                      | 3,147                                                                                                         | 340,858                              |
| 7748100         | 52,360                                  | (8,703)                              | 35,047                                             | 171,923                                                                                     | -                      | 1,258                                                                                                         | 208,228                              |
| 7748200         | 5,535                                   | (924)                                | 3,721                                              | 18,253                                                                                      | -                      | 82                                                                                                            | 22,056                               |
| 7749100         | 220,413                                 | (39,508)                             | 159,096                                            | 780,449                                                                                     | -                      | 11,671                                                                                                        | 951,216                              |
| 7749200         | 255,211                                 | (44,919)                             | 180,887                                            | 887,345                                                                                     | -                      | 12,965                                                                                                        | 1,081,197                            |
| 7750100         | 76,657                                  | (17,020)                             | 68,541                                             | 336,228                                                                                     | -                      | 8,819                                                                                                         | 413,588                              |
| 7750200         | 137,733                                 | (25,228)                             | 101,594                                            | 498,370                                                                                     | -                      | 6,309                                                                                                         | 606,273                              |
| 7751100         | 365,875                                 | (67,653)                             | 272,436                                            | 1,336,442                                                                                   | -                      | 11,609                                                                                                        | 1,620,487                            |
| 7751200         | 251,959                                 | (47,342)                             | 190,646                                            | 935,217                                                                                     | -                      | 67,117                                                                                                        | 1,192,980                            |
| 7752100         | 244,390                                 | (41,545)                             | 167,302                                            | 820,703                                                                                     | -                      | 82,547                                                                                                        | 1,070,552                            |
| 7753100         | 1,477,287                               | (251,861)                            | 1,014,241                                          | 4,975,381                                                                                   | -                      | 121,052                                                                                                       | 6,110,674                            |
| 7753200         | 1,107,361                               | (186,516)                            | 751,097                                            | 3,684,525                                                                                   | -                      | 76,845                                                                                                        | 4,512,467                            |
| 7754100         | 46,648                                  | (8,547)                              | 34,419                                             | 168,845                                                                                     | -                      | 2,689                                                                                                         | 205,953                              |
| 7754200         | 26,802                                  | (4,523)                              | 18,213                                             | 89,344                                                                                      | -                      | 400                                                                                                           | 107,957                              |
| 7755100         | 285,246                                 | (50,096)                             | 201,734                                            | 989,609                                                                                     | -                      | 31,546                                                                                                        | 1,222,889                            |
| 7756100         | 461,632                                 | (84,502)                             | 340,287                                            | 1,669,288                                                                                   | -                      | 142,453                                                                                                       | 2,152,028                            |
| 7756200         | 374,945                                 | (64,356)                             | 259,162                                            | 1,271,323                                                                                   | -                      | 86,877                                                                                                        | 1,617,362                            |
| 7757100         | 68,218                                  | (10,664)                             | 42,942                                             | 210,653                                                                                     | -                      | 12,244                                                                                                        | 265,839                              |
| 7758100         | 179,877                                 | (30,743)                             | 123,801                                            | 607,307                                                                                     | -                      | 4,573                                                                                                         | 735,681                              |
| 7758200         | 195,272                                 | (33,510)                             | 134,945                                            | 661,974                                                                                     | -                      | 2,408                                                                                                         | 799,327                              |
| 7759100         | 10,700,727                              | (1,861,374)                          | 7,495,754                                          | 36,770,624                                                                                  | -                      | 705,812                                                                                                       | 44,972,190                           |
| 7759200         | 9,378,167                               | (1,670,129)                          | 6,725,580                                          | 32,992,486                                                                                  | -                      | 773,735                                                                                                       | 40,491,801                           |
| 7760100         | 22,964                                  | (3,853)                              | 15,517                                             | 76,119                                                                                      | -                      | 308                                                                                                           | 91,944                               |
| 7761100         | 126,024                                 | (21,184)                             | 85,306                                             | 418,472                                                                                     | -                      | 8,684                                                                                                         | 512,462                              |
| 7762100         | 522,103                                 | (94,982)                             | 382,490                                            | 1,876,315                                                                                   | -                      | 28,917                                                                                                        | 2,287,722                            |
| 7762200         | 555,853                                 | (96,342)                             | 387,969                                            | 1,903,191                                                                                   | -                      | 48,969                                                                                                        | 2,340,129                            |
| 7763100         | 82,663                                  | (13,843)                             | 55,745                                             | 273,456                                                                                     | -                      | 9,622                                                                                                         | 338,823                              |
| 7763200         | 49,527                                  | (8,370)                              | 33,705                                             | 165,341                                                                                     | -                      | 8,315                                                                                                         | 207,361                              |
| 7764100         | 36,157                                  | (5,906)                              | 23,785                                             | 116,677                                                                                     | -                      | 2,910                                                                                                         | 143,372                              |
| 7765100         | 602,119                                 | (99,494)                             | 400,660                                            | 1,965,446                                                                                   | -                      | 51,105                                                                                                        | 2,417,211                            |
| 7765200         | 559,753                                 | (94,092)                             | 378,906                                            | 1,858,732                                                                                   | -                      | 11,914                                                                                                        | 2,249,552                            |
| 7766100         | 871,366                                 | (160,574)                            | 646,628                                            | 3,172,046                                                                                   | -                      | 30,585                                                                                                        | 3,849,259                            |
| 7766200         | 893,513                                 | (158,581)                            | 638,602                                            | 3,132,676                                                                                   | -                      | 16,506                                                                                                        | 3,787,784                            |
| 7767100         | 220,786                                 | (39,952)                             | 160,885                                            | 789,225                                                                                     | -                      | 9,624                                                                                                         | 959,734                              |
| 7767200         | 230,487                                 | (41,451)                             | 166,923                                            | 818,844                                                                                     | -                      | 10,818                                                                                                        | 996,585                              |
| 7768100         | 426,124                                 | (69,336)                             | 279,213                                            | 1,369,687                                                                                   | -                      | 40,989                                                                                                        | 1,689,889                            |
| 7768200         | 557,061                                 | (95,571)                             | 384,863                                            | 1,887,955                                                                                   | -                      | 17,409                                                                                                        | 2,290,227                            |
| 7769100         | 127,907                                 | (23,946)                             | 96,432                                             | 473,048                                                                                     | -                      | 10,796                                                                                                        | 580,276                              |



| Deferred Inflows of Resources - Credit             |                                                                                             |                        |                                                                                                               |                                     |
|----------------------------------------------------|---------------------------------------------------------------------------------------------|------------------------|---------------------------------------------------------------------------------------------------------------|-------------------------------------|
| Differences Between Expected and Actual Experience | Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments | Changes of Assumptions | Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions | Total Deferred Inflows of Resources |
| \$ 79,080                                          | \$ 164,876                                                                                  | \$ 376,423             | \$ 17,289                                                                                                     | \$ 637,668                          |
| 400,991                                            | 836,033                                                                                     | 1,908,717              | 83,068                                                                                                        | 3,228,809                           |
| 393,051                                            | 819,480                                                                                     | 1,870,925              | 31,137                                                                                                        | 3,114,593                           |
| 39,320                                             | 81,978                                                                                      | 187,162                | 2,900                                                                                                         | 311,360                             |
| 47,545                                             | 99,128                                                                                      | 226,315                | 1,166                                                                                                         | 374,154                             |
| 1,011,987                                          | 2,109,911                                                                                   | 4,817,061              | 167,776                                                                                                       | 8,106,735                           |
| 968,417                                            | 2,019,070                                                                                   | 4,609,665              | 144,359                                                                                                       | 7,741,511                           |
| 1,447,955                                          | 3,018,868                                                                                   | 6,892,268              | 314,441                                                                                                       | 11,673,532                          |
| 1,173,667                                          | 2,447,001                                                                                   | 5,586,658              | 191,709                                                                                                       | 9,399,035                           |
| 85,740                                             | 178,762                                                                                     | 408,124                | 2,978                                                                                                         | 675,604                             |
| 98,488                                             | 205,340                                                                                     | 468,804                | 898                                                                                                           | 773,530                             |
| 166,755                                            | 347,670                                                                                     | 793,753                | 13,484                                                                                                        | 1,321,662                           |
| 170,676                                            | 355,846                                                                                     | 812,418                | 18,428                                                                                                        | 1,357,368                           |
| 30,430                                             | 63,444                                                                                      | 144,847                | 1,713                                                                                                         | 240,434                             |
| 547,247                                            | 1,140,966                                                                                   | 2,604,898              | 138,833                                                                                                       | 4,431,944                           |
| 537,892                                            | 1,121,462                                                                                   | 2,560,369              | 154,715                                                                                                       | 4,374,438                           |
| 25,389                                             | 52,934                                                                                      | 120,852                | 3,248                                                                                                         | 202,423                             |
| 185,154                                            | 386,032                                                                                     | 881,335                | 5,315                                                                                                         | 1,457,836                           |
| 168,160                                            | 350,601                                                                                     | 800,444                | 12,195                                                                                                        | 1,331,400                           |
| 41,481                                             | 86,486                                                                                      | 197,452                | 10,935                                                                                                        | 336,354                             |
| 44,622                                             | 93,034                                                                                      | 212,403                | 9,793                                                                                                         | 359,852                             |
| 27,347                                             | 57,017                                                                                      | 130,173                | 6,743                                                                                                         | 221,280                             |
| 2,903                                              | 6,053                                                                                       | 13,820                 | 264                                                                                                           | 23,040                              |
| 124,144                                            | 258,830                                                                                     | 590,925                | 14,104                                                                                                        | 988,003                             |
| 141,148                                            | 294,281                                                                                     | 671,863                | 5,399                                                                                                         | 1,112,691                           |
| 53,483                                             | 111,508                                                                                     | 254,579                | 15,129                                                                                                        | 434,699                             |
| 79,274                                             | 165,281                                                                                     | 377,346                | 17,703                                                                                                        | 639,604                             |
| 212,584                                            | 443,221                                                                                     | 1,011,901              | 23,609                                                                                                        | 1,691,315                           |
| 148,762                                            | 310,157                                                                                     | 708,109                | 218                                                                                                           | 1,167,246                           |
| 130,547                                            | 272,180                                                                                     | 621,404                | 1,438                                                                                                         | 1,025,569                           |
| 791,420                                            | 1,650,046                                                                                   | 3,767,160              | 235,248                                                                                                       | 6,443,874                           |
| 586,087                                            | 1,221,944                                                                                   | 2,789,776              | 204,317                                                                                                       | 4,802,124                           |
| 26,858                                             | 55,996                                                                                      | 127,843                | 8,753                                                                                                         | 219,450                             |
| 14,212                                             | 29,630                                                                                      | 67,648                 | 5,285                                                                                                         | 116,775                             |
| 157,414                                            | 328,196                                                                                     | 749,293                | 5,580                                                                                                         | 1,240,483                           |
| 265,529                                            | 553,606                                                                                     | 1,263,918              | 1,917                                                                                                         | 2,084,970                           |
| 202,226                                            | 421,625                                                                                     | 962,595                | 1,318                                                                                                         | 1,587,764                           |
| 33,508                                             | 69,861                                                                                      | 159,498                | 4,377                                                                                                         | 267,244                             |
| 96,603                                             | 201,409                                                                                     | 459,829                | 1,556                                                                                                         | 759,397                             |
| 105,298                                            | 219,539                                                                                     | 501,221                | 31,651                                                                                                        | 857,709                             |
| 5,849,007                                          | 12,194,695                                                                                  | 27,841,250             | 379,953                                                                                                       | 46,264,905                          |
| 5,248,024                                          | 10,941,702                                                                                  | 24,980,600             | 1,145,548                                                                                                     | 42,315,874                          |
| 12,108                                             | 25,244                                                                                      | 57,634                 | 1,035                                                                                                         | 96,021                              |
| 66,565                                             | 138,783                                                                                     | 316,851                | 11,117                                                                                                        | 533,316                             |
| 298,460                                            | 622,265                                                                                     | 1,420,671              | 47,768                                                                                                        | 2,389,164                           |
| 302,735                                            | 631,179                                                                                     | 1,441,021              | 35,052                                                                                                        | 2,409,987                           |
| 43,498                                             | 90,690                                                                                      | 207,050                | 1,942                                                                                                         | 343,180                             |
| 26,300                                             | 54,834                                                                                      | 125,190                | 2,706                                                                                                         | 209,030                             |
| 18,560                                             | 38,695                                                                                      | 88,343                 | 671                                                                                                           | 146,269                             |
| 312,638                                            | 651,825                                                                                     | 1,488,157              | 89,689                                                                                                        | 2,542,309                           |
| 295,663                                            | 616,434                                                                                     | 1,407,358              | 144,249                                                                                                       | 2,463,704                           |
| 504,569                                            | 1,051,985                                                                                   | 2,401,747              | 21,711                                                                                                        | 3,980,012                           |
| 498,306                                            | 1,038,928                                                                                   | 2,371,938              | 20,906                                                                                                        | 3,930,078                           |
| 125,540                                            | 261,740                                                                                     | 597,570                | 9,099                                                                                                         | 993,949                             |
| 130,251                                            | 271,563                                                                                     | 619,996                | 216                                                                                                           | 1,022,026                           |
| 217,872                                            | 454,246                                                                                     | 1,037,073              | 22,802                                                                                                        | 1,731,993                           |
| 300,312                                            | 626,126                                                                                     | 1,429,485              | 92,265                                                                                                        | 2,448,188                           |
| 75,246                                             | 156,883                                                                                     | 358,173                | 15,078                                                                                                        | 605,380                             |

| Pension Expense (Income)                              |                                                                         |                                                                                                                                                         |                       |
|-------------------------------------------------------|-------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| Proportionate Share of Allocable Plan Pension Expense | Pension Expense Related to Specific Liabilities of Individual Employers | Net Amortization of Deferred Amounts from Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions | Total Pension Expense |
| \$ 204,256                                            | \$ -                                                                    | \$ 2,677                                                                                                                                                | \$ 206,933            |
| 1,035,715                                             | -                                                                       | (5,031)                                                                                                                                                 | 1,030,684             |
| 1,015,208                                             | -                                                                       | 3,360                                                                                                                                                   | 1,018,568             |
| 101,558                                               | -                                                                       | (203)                                                                                                                                                   | 101,355               |
| 122,804                                               | -                                                                       | 1,768                                                                                                                                                   | 124,572               |
| 2,613,852                                             | -                                                                       | (13,158)                                                                                                                                                | 2,600,694             |
| 2,501,314                                             | -                                                                       | 7,786                                                                                                                                                   | 2,509,100             |
| 3,739,908                                             | -                                                                       | (22,809)                                                                                                                                                | 3,717,099             |
| 3,031,453                                             | -                                                                       | (10,785)                                                                                                                                                | 3,020,668             |
| 221,458                                               | -                                                                       | 3,312                                                                                                                                                   | 224,770               |
| 254,384                                               | -                                                                       | 3,811                                                                                                                                                   | 258,195               |
| 430,709                                               | -                                                                       | 6,758                                                                                                                                                   | 437,467               |
| 440,838                                               | -                                                                       | (2,616)                                                                                                                                                 | 438,222               |
| 78,598                                                | -                                                                       | 1,020                                                                                                                                                   | 79,618                |
| 1,413,480                                             | -                                                                       | (14,640)                                                                                                                                                | 1,398,840             |
| 1,389,317                                             | -                                                                       | (49)                                                                                                                                                    | 1,389,268             |
| 65,577                                                | -                                                                       | (25)                                                                                                                                                    | 65,552                |
| 478,233                                               | -                                                                       | 5,523                                                                                                                                                   | 483,756               |
| 434,340                                               | -                                                                       | 4,174                                                                                                                                                   | 438,514               |
| 107,142                                               | -                                                                       | (503)                                                                                                                                                   | 106,639               |
| 115,255                                               | -                                                                       | (1,192)                                                                                                                                                 | 114,063               |
| 70,635                                                | -                                                                       | (992)                                                                                                                                                   | 69,643                |
| 7,499                                                 | -                                                                       | (30)                                                                                                                                                    | 7,469                 |
| 320,650                                               | -                                                                       | (601)                                                                                                                                                   | 320,049               |
| 364,569                                               | -                                                                       | 973                                                                                                                                                     | 365,542               |
| 138,140                                               | -                                                                       | (1,100)                                                                                                                                                 | 137,040               |
| 204,757                                               | -                                                                       | (1,871)                                                                                                                                                 | 202,886               |
| 549,081                                               | -                                                                       | (2,255)                                                                                                                                                 | 546,826               |
| 384,237                                               | -                                                                       | 11,281                                                                                                                                                  | 395,518               |
| 337,188                                               | -                                                                       | 13,556                                                                                                                                                  | 350,744               |
| 2,044,151                                             | -                                                                       | (18,903)                                                                                                                                                | 2,025,248             |
| 1,513,798                                             | -                                                                       | (22,123)                                                                                                                                                | 1,491,675             |
| 69,371                                                | -                                                                       | (914)                                                                                                                                                   | 68,457                |
| 36,707                                                | -                                                                       | (855)                                                                                                                                                   | 35,852                |
| 406,584                                               | -                                                                       | 4,808                                                                                                                                                   | 411,392               |
| 685,832                                               | -                                                                       | 23,795                                                                                                                                                  | 709,627               |
| 522,327                                               | -                                                                       | 13,779                                                                                                                                                  | 536,106               |
| 86,547                                                | -                                                                       | 1,462                                                                                                                                                   | 88,009                |
| 249,514                                               | -                                                                       | 488                                                                                                                                                     | 250,002               |
| 271,974                                               | -                                                                       | (5,158)                                                                                                                                                 | 266,816               |
| 15,107,324                                            | -                                                                       | 35,068                                                                                                                                                  | 15,142,392            |
| 13,555,066                                            | -                                                                       | (38,418)                                                                                                                                                | 13,516,648            |
| 31,274                                                | -                                                                       | (134)                                                                                                                                                   | 31,140                |
| 171,931                                               | -                                                                       | (667)                                                                                                                                                   | 171,264               |
| 770,890                                               | -                                                                       | (2,662)                                                                                                                                                 | 768,228               |
| 781,932                                               | -                                                                       | 989                                                                                                                                                     | 782,921               |
| 112,350                                               | -                                                                       | 1,479                                                                                                                                                   | 113,829               |
| 67,931                                                | -                                                                       | 1,132                                                                                                                                                   | 69,063                |
| 47,937                                                | -                                                                       | 421                                                                                                                                                     | 48,358                |
| 807,509                                               | -                                                                       | (4,381)                                                                                                                                                 | 803,128               |
| 763,666                                               | -                                                                       | (22,611)                                                                                                                                                | 741,055               |
| 1,303,245                                             | -                                                                       | 621                                                                                                                                                     | 1,303,866             |
| 1,287,070                                             | -                                                                       | (1,563)                                                                                                                                                 | 1,285,507             |
| 324,256                                               | -                                                                       | 33                                                                                                                                                      | 324,289               |
| 336,425                                               | -                                                                       | 1,583                                                                                                                                                   | 338,008               |
| 562,740                                               | -                                                                       | 2,085                                                                                                                                                   | 564,825               |
| 775,672                                               | -                                                                       | (13,783)                                                                                                                                                | 761,889               |
| 194,353                                               | -                                                                       | (615)                                                                                                                                                   | 193,738               |

Indiana Public Retirement System

1977 Police Officers' and Firefighters' Retirement Fund  
 Schedule of Pension Amounts by Employer  
 As of and for the Year Ended June 30, 2017  
 and Beginning Net Pension Liability as of July 1, 2016

| Submission Unit | Beginning Net Pension Liability (Asset) | Ending Net Pension Liability (Asset) | Deferred Outflows of Resources - Debit             |                                                                                             |                        |                                                                                                               |                                      |
|-----------------|-----------------------------------------|--------------------------------------|----------------------------------------------------|---------------------------------------------------------------------------------------------|------------------------|---------------------------------------------------------------------------------------------------------------|--------------------------------------|
|                 |                                         |                                      | Differences Between Expected and Actual Experience | Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments | Changes of Assumptions | Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions | Total Deferred Outflows of Resources |
| 7769200         | \$ 50,610                               | \$ (8,984)                           | \$ 36,177                                          | \$ 177,469                                                                                  | \$ -                   | \$ 12,584                                                                                                     | \$ 226,230                           |
| 7770100         | 182,000                                 | (33,811)                             | 136,156                                            | 667,916                                                                                     | -                      | 24,917                                                                                                        | 828,989                              |
| 7770200         | 169,545                                 | (31,591)                             | 127,217                                            | 624,067                                                                                     | -                      | 31,496                                                                                                        | 782,780                              |
| 7771100         | 53,169                                  | (8,185)                              | 32,960                                             | 161,685                                                                                     | -                      | 8,141                                                                                                         | 202,786                              |
| 7771200         | 16,390                                  | (2,625)                              | 10,572                                             | 51,863                                                                                      | -                      | 2,025                                                                                                         | 64,460                               |
| 7772100         | 41,274                                  | (6,929)                              | 27,903                                             | 136,880                                                                                     | -                      | 1,996                                                                                                         | 166,779                              |
| 7772200         | 33,429                                  | (5,886)                              | 23,704                                             | 116,281                                                                                     | -                      | 529                                                                                                           | 140,514                              |
| 7773100         | 190,751                                 | (31,264)                             | 125,900                                            | 617,607                                                                                     | -                      | 47,881                                                                                                        | 791,388                              |
| 7773200         | 174,271                                 | (28,127)                             | 113,266                                            | 555,627                                                                                     | -                      | 35,356                                                                                                        | 704,249                              |
| 7774100         | 15,777                                  | (2,243)                              | 9,032                                              | 44,306                                                                                      | -                      | 6,268                                                                                                         | 59,606                               |
| 7775100         | 106,098                                 | (20,218)                             | 81,418                                             | 399,397                                                                                     | -                      | 22,494                                                                                                        | 503,309                              |
| 7776100         | 156,699                                 | (26,391)                             | 106,277                                            | 521,346                                                                                     | -                      | 30,598                                                                                                        | 658,221                              |
| 7777100         | 317,166                                 | (55,581)                             | 223,823                                            | 1,097,968                                                                                   | -                      | 5,849                                                                                                         | 1,327,640                            |
| 7777200         | 302,694                                 | (51,203)                             | 206,194                                            | 1,011,488                                                                                   | -                      | 4,535                                                                                                         | 1,222,217                            |
| 7781100         | 119,566                                 | (22,918)                             | 92,288                                             | 452,723                                                                                     | -                      | 20,586                                                                                                        | 565,597                              |
| 7781200         | 130,075                                 | (18,097)                             | 72,877                                             | 357,498                                                                                     | -                      | 14,730                                                                                                        | 445,105                              |
| 7782100         | 358,226                                 | (67,673)                             | 272,517                                            | 1,336,838                                                                                   | -                      | 87,494                                                                                                        | 1,696,849                            |
| 7782200         | 77,679                                  | (13,601)                             | 54,769                                             | 268,672                                                                                     | -                      | 38,499                                                                                                        | 361,940                              |
| 7783100         | 485,734                                 | (82,736)                             | 333,175                                            | 1,634,397                                                                                   | -                      | 6,071                                                                                                         | 1,973,643                            |
| 7783200         | 431,001                                 | (71,700)                             | 288,736                                            | 1,416,401                                                                                   | -                      | 5,904                                                                                                         | 1,711,041                            |
| 7784100         | 635,282                                 | (112,220)                            | 451,907                                            | 2,216,840                                                                                   | -                      | 33,281                                                                                                        | 2,702,028                            |
| 7784200         | 636,383                                 | (114,001)                            | 459,082                                            | 2,252,035                                                                                   | -                      | 55,003                                                                                                        | 2,766,120                            |
| 7785100         | 29,849                                  | (5,584)                              | 22,487                                             | 110,309                                                                                     | -                      | 10,800                                                                                                        | 143,596                              |
| 7786100         | 59,192                                  | (9,667)                              | 38,929                                             | 190,968                                                                                     | -                      | 9,552                                                                                                         | 239,449                              |
| 7786200         | 108,612                                 | (18,879)                             | 76,026                                             | 372,947                                                                                     | -                      | 7,260                                                                                                         | 456,233                              |
| 7787100         | 19,651                                  | (3,002)                              | 12,088                                             | 59,299                                                                                      | -                      | 1,045                                                                                                         | 72,432                               |
| 7788100         | 69,666                                  | (11,563)                             | 46,563                                             | 228,418                                                                                     | -                      | 5,419                                                                                                         | 280,400                              |
| 7788200         | 35,899                                  | (6,087)                              | 24,512                                             | 120,243                                                                                     | -                      | 833                                                                                                           | 145,588                              |
| 7789100         | 520,282                                 | (93,692)                             | 377,297                                            | 1,850,840                                                                                   | -                      | 29,368                                                                                                        | 2,257,505                            |
| 7789200         | 579,759                                 | (103,412)                            | 416,438                                            | 2,042,844                                                                                   | -                      | 22,263                                                                                                        | 2,481,545                            |
| 7790100         | 307,811                                 | (51,120)                             | 205,858                                            | 1,009,843                                                                                   | -                      | 41,707                                                                                                        | 1,257,408                            |
| 7791100         | 81,348                                  | (15,049)                             | 60,602                                             | 297,285                                                                                     | -                      | 14,582                                                                                                        | 372,469                              |
| 7792100         | 477,898                                 | (81,636)                             | 328,746                                            | 1,612,671                                                                                   | -                      | 106,850                                                                                                       | 2,048,267                            |
| 7792200         | 491,357                                 | (82,868)                             | 333,709                                            | 1,637,018                                                                                   | -                      | 17,504                                                                                                        | 1,988,231                            |
| 7793100         | 156,078                                 | (25,353)                             | 102,097                                            | 500,838                                                                                     | -                      | 26,539                                                                                                        | 629,474                              |
| 7793200         | 145,444                                 | (24,468)                             | 98,531                                             | 483,347                                                                                     | -                      | 23,747                                                                                                        | 605,625                              |
| 7794100         | 103,806                                 | (18,671)                             | 75,187                                             | 368,833                                                                                     | -                      | 11,541                                                                                                        | 455,561                              |
| 7795100         | 530,143                                 | (89,167)                             | 359,072                                            | 1,761,435                                                                                   | -                      | 143,405                                                                                                       | 2,263,912                            |
| 7795200         | 880,569                                 | (143,424)                            | 577,565                                            | 2,833,258                                                                                   | -                      | 163,028                                                                                                       | 3,573,851                            |
| 7796100         | 91,093                                  | (15,569)                             | 62,695                                             | 307,554                                                                                     | -                      | 4,911                                                                                                         | 375,160                              |
| 7796200         | 6,627                                   | (2,541)                              | 10,231                                             | 50,187                                                                                      | -                      | 5,489                                                                                                         | 65,907                               |
| 7797100         | 15,244                                  | (2,747)                              | 11,063                                             | 54,271                                                                                      | -                      | 4,953                                                                                                         | 70,287                               |
| 7798100         | 114,688                                 | (21,210)                             | 85,412                                             | 418,990                                                                                     | -                      | 15,614                                                                                                        | 520,016                              |
| 7798200         | 148,127                                 | (23,049)                             | 92,816                                             | 455,313                                                                                     | -                      | 12,551                                                                                                        | 560,680                              |
| 7799100         | 14,107                                  | (2,450)                              | 9,864                                              | 48,390                                                                                      | -                      | 2,077                                                                                                         | 60,331                               |
| 7800100         | 293,588                                 | (51,365)                             | 206,846                                            | 1,014,688                                                                                   | -                      | 29,902                                                                                                        | 1,251,436                            |
| 7800200         | 417,365                                 | (72,390)                             | 291,513                                            | 1,430,022                                                                                   | -                      | 40,496                                                                                                        | 1,762,031                            |
| 7801100         | 128,325                                 | (23,894)                             | 96,220                                             | 472,012                                                                                     | -                      | 16,588                                                                                                        | 584,820                              |
| 7801200         | 62,372                                  | (11,430)                             | 46,029                                             | 225,798                                                                                     | -                      | 5,126                                                                                                         | 276,953                              |
| 7802100         | 437,318                                 | (65,098)                             | 262,150                                            | 1,285,980                                                                                   | -                      | 63,241                                                                                                        | 1,611,371                            |
| 7802200         | 419,701                                 | (61,646)                             | 248,248                                            | 1,217,784                                                                                   | -                      | 43,039                                                                                                        | 1,509,071                            |
| 7803100         | 53,809                                  | (9,289)                              | 37,407                                             | 183,503                                                                                     | -                      | 1,268                                                                                                         | 222,178                              |
| 7803200         | 34,531                                  | (6,477)                              | 26,083                                             | 127,952                                                                                     | -                      | 1,078                                                                                                         | 155,113                              |
| 7804100         | 83,302                                  | (15,819)                             | 63,702                                             | 312,491                                                                                     | -                      | 4,579                                                                                                         | 380,772                              |
| 7804200         | 60,409                                  | (9,514)                              | 38,314                                             | 187,951                                                                                     | -                      | 762                                                                                                           | 227,027                              |
| 7805100         | 60,516                                  | (10,736)                             | 43,234                                             | 212,085                                                                                     | -                      | 13,047                                                                                                        | 268,366                              |
| 7806100         | 378,276                                 | (60,705)                             | 244,458                                            | 1,199,196                                                                                   | -                      | 19,414                                                                                                        | 1,463,068                            |
| 7806200         | 418,724                                 | (71,958)                             | 289,773                                            | 1,421,489                                                                                   | -                      | 17,252                                                                                                        | 1,728,514                            |

| Deferred Inflows of Resources - Credit             |                                                                                             |                        |                                                                                                               |                                     |
|----------------------------------------------------|---------------------------------------------------------------------------------------------|------------------------|---------------------------------------------------------------------------------------------------------------|-------------------------------------|
| Differences Between Expected and Actual Experience | Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments | Changes of Assumptions | Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions | Total Deferred Inflows of Resources |
| \$ 28,230                                          | \$ 58,856                                                                                   | \$ 134,373             | \$ 4,093                                                                                                      | \$ 225,552                          |
| 106,244                                            | 221,509                                                                                     | 505,720                | 365                                                                                                           | 833,838                             |
| 99,269                                             | 206,967                                                                                     | 472,519                | 754                                                                                                           | 779,509                             |
| 25,719                                             | 53,621                                                                                      | 122,421                | 4,293                                                                                                         | 206,054                             |
| 8,250                                              | 17,200                                                                                      | 39,269                 | 1,298                                                                                                         | 66,017                              |
| 21,773                                             | 45,395                                                                                      | 103,640                | 22,240                                                                                                        | 193,048                             |
| 18,497                                             | 38,564                                                                                      | 88,044                 | 7,727                                                                                                         | 152,832                             |
| 98,241                                             | 204,825                                                                                     | 467,627                | 22,760                                                                                                        | 793,453                             |
| 88,382                                             | 184,269                                                                                     | 420,699                | 13,720                                                                                                        | 707,070                             |
| 7,048                                              | 14,694                                                                                      | 33,547                 | 1,032                                                                                                         | 56,321                              |
| 63,531                                             | 132,457                                                                                     | 302,407                | 226                                                                                                           | 498,621                             |
| 82,929                                             | 172,900                                                                                     | 394,742                | 3,734                                                                                                         | 654,305                             |
| 174,651                                            | 364,133                                                                                     | 831,338                | 50,548                                                                                                        | 1,420,670                           |
| 160,895                                            | 335,452                                                                                     | 765,859                | 54,837                                                                                                        | 1,317,043                           |
| 72,013                                             | 150,142                                                                                     | 342,784                | 9,892                                                                                                         | 574,831                             |
| 56,866                                             | 118,561                                                                                     | 270,683                | 10,243                                                                                                        | 456,353                             |
| 212,647                                            | 443,352                                                                                     | 1,012,201              | 978                                                                                                           | 1,669,178                           |
| 42,737                                             | 89,103                                                                                      | 203,428                | 6,451                                                                                                         | 341,719                             |
| 259,979                                            | 542,035                                                                                     | 1,237,501              | 82,493                                                                                                        | 2,122,008                           |
| 225,303                                            | 469,738                                                                                     | 1,072,442              | 84,170                                                                                                        | 1,851,653                           |
| 352,627                                            | 735,198                                                                                     | 1,678,503              | 37,678                                                                                                        | 2,804,006                           |
| 358,225                                            | 746,870                                                                                     | 1,705,151              | 38,357                                                                                                        | 2,848,603                           |
| 17,547                                             | 36,583                                                                                      | 83,521                 | 15,022                                                                                                        | 152,673                             |
| 30,377                                             | 63,333                                                                                      | 144,594                | 7,038                                                                                                         | 245,342                             |
| 59,324                                             | 123,685                                                                                     | 282,381                | 10,517                                                                                                        | 475,907                             |
| 9,432                                              | 19,666                                                                                      | 44,899                 | 4,872                                                                                                         | 78,869                              |
| 36,334                                             | 75,753                                                                                      | 172,949                | 17,042                                                                                                        | 302,078                             |
| 19,127                                             | 39,878                                                                                      | 91,043                 | 3,908                                                                                                         | 153,956                             |
| 294,408                                            | 613,817                                                                                     | 1,401,383              | 29,718                                                                                                        | 2,339,326                           |
| 324,950                                            | 677,494                                                                                     | 1,546,761              | 41,433                                                                                                        | 2,590,638                           |
| 160,633                                            | 334,907                                                                                     | 764,613                | 13,143                                                                                                        | 1,273,296                           |
| 47,288                                             | 98,592                                                                                      | 225,092                | 6,613                                                                                                         | 377,585                             |
| 256,523                                            | 534,830                                                                                     | 1,221,050              | 43,573                                                                                                        | 2,055,976                           |
| 260,396                                            | 542,904                                                                                     | 1,239,485              | 60,686                                                                                                        | 2,103,471                           |
| 79,667                                             | 166,099                                                                                     | 379,215                | 23,579                                                                                                        | 648,560                             |
| 76,885                                             | 160,298                                                                                     | 365,971                | 17,295                                                                                                        | 620,449                             |
| 58,669                                             | 122,321                                                                                     | 279,266                | 5,215                                                                                                         | 465,471                             |
| 280,187                                            | 584,166                                                                                     | 1,333,689              | 39,050                                                                                                        | 2,237,092                           |
| 450,679                                            | 939,628                                                                                     | 2,145,231              | 58,434                                                                                                        | 3,593,972                           |
| 48,922                                             | 101,998                                                                                     | 232,868                | 27,878                                                                                                        | 411,666                             |
| 7,983                                              | 16,644                                                                                      | 38,000                 | 829                                                                                                           | 63,456                              |
| 8,633                                              | 17,998                                                                                      | 41,092                 | 3,291                                                                                                         | 71,014                              |
| 66,648                                             | 138,955                                                                                     | 317,243                | 18,178                                                                                                        | 541,024                             |
| 72,425                                             | 151,001                                                                                     | 344,745                | 7,533                                                                                                         | 575,704                             |
| 7,697                                              | 16,048                                                                                      | 36,639                 | 7,026                                                                                                         | 67,410                              |
| 161,404                                            | 336,513                                                                                     | 768,281                | 6,738                                                                                                         | 1,272,936                           |
| 227,470                                            | 474,256                                                                                     | 1,082,756              | 20,818                                                                                                        | 1,805,300                           |
| 75,082                                             | 156,539                                                                                     | 357,388                | 14,334                                                                                                        | 603,343                             |
| 35,917                                             | 74,884                                                                                      | 170,965                | 12,241                                                                                                        | 294,007                             |
| 204,557                                            | 426,485                                                                                     | 973,693                | 75,693                                                                                                        | 1,680,428                           |
| 193,710                                            | 403,869                                                                                     | 922,058                | 83,753                                                                                                        | 1,603,390                           |
| 29,189                                             | 60,857                                                                                      | 138,941                | 3,745                                                                                                         | 232,732                             |
| 20,353                                             | 42,434                                                                                      | 96,880                 | 2,727                                                                                                         | 162,394                             |
| 49,707                                             | 103,635                                                                                     | 236,605                | 13,126                                                                                                        | 403,073                             |
| 29,897                                             | 62,333                                                                                      | 142,309                | 17,789                                                                                                        | 252,328                             |
| 33,736                                             | 70,336                                                                                      | 160,583                | 1,103                                                                                                         | 265,758                             |
| 190,753                                            | 397,704                                                                                     | 907,984                | 38,574                                                                                                        | 1,535,015                           |
| 226,112                                            | 471,426                                                                                     | 1,076,295              | 18,055                                                                                                        | 1,791,888                           |

| Pension Expense (Income)                              |                                                                         |                                                                                                                                                         |                       |
|-------------------------------------------------------|-------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| Proportionate Share of Allocable Plan Pension Expense | Pension Expense Related to Specific Liabilities of Individual Employers | Net Amortization of Deferred Amounts from Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions | Total Pension Expense |
| \$ 72,914                                             | \$ -                                                                    | \$ 1,436                                                                                                                                                | \$ 74,350             |
| 274,415                                               | -                                                                       | 3,983                                                                                                                                                   | 278,398               |
| 256,400                                               | -                                                                       | 5,147                                                                                                                                                   | 261,547               |
| 66,429                                                | -                                                                       | 721                                                                                                                                                     | 67,150                |
| 21,308                                                | -                                                                       | 120                                                                                                                                                     | 21,428                |
| 56,238                                                | -                                                                       | (3,538)                                                                                                                                                 | 52,700                |
| 47,775                                                | -                                                                       | (1,219)                                                                                                                                                 | 46,556                |
| 253,746                                               | 28,637                                                                  | 5,209                                                                                                                                                   | 287,592               |
| 228,281                                               | -                                                                       | 4,050                                                                                                                                                   | 232,331               |
| 18,203                                                | -                                                                       | 955                                                                                                                                                     | 19,158                |
| 164,093                                               | -                                                                       | 3,595                                                                                                                                                   | 167,688               |
| 214,197                                               | -                                                                       | 4,956                                                                                                                                                   | 219,153               |
| 451,104                                               | -                                                                       | (7,460)                                                                                                                                                 | 443,644               |
| 415,573                                               | -                                                                       | (8,740)                                                                                                                                                 | 406,833               |
| 186,003                                               | -                                                                       | 2,096                                                                                                                                                   | 188,099               |
| 146,879                                               | -                                                                       | 672                                                                                                                                                     | 147,551               |
| 549,244                                               | -                                                                       | 14,890                                                                                                                                                  | 564,134               |
| 110,385                                               | -                                                                       | 6,230                                                                                                                                                   | 116,615               |
| 671,497                                               | -                                                                       | (12,062)                                                                                                                                                | 659,435               |
| 581,933                                               | -                                                                       | (13,113)                                                                                                                                                | 568,820               |
| 910,796                                               | -                                                                       | (455)                                                                                                                                                   | 910,341               |
| 925,256                                               | -                                                                       | 3,694                                                                                                                                                   | 928,950               |
| 45,321                                                | -                                                                       | (981)                                                                                                                                                   | 44,340                |
| 78,460                                                | -                                                                       | 552                                                                                                                                                     | 79,012                |
| 153,226                                               | -                                                                       | (686)                                                                                                                                                   | 152,540               |
| 24,363                                                | -                                                                       | (582)                                                                                                                                                   | 23,781                |
| 93,846                                                | -                                                                       | (2,309)                                                                                                                                                 | 91,537                |
| 49,402                                                | -                                                                       | (517)                                                                                                                                                   | 48,885                |
| 760,423                                               | -                                                                       | 450                                                                                                                                                     | 760,873               |
| 839,309                                               | -                                                                       | (3,355)                                                                                                                                                 | 835,954               |
| 414,897                                               | -                                                                       | 5,658                                                                                                                                                   | 420,555               |
| 122,140                                               | -                                                                       | 1,076                                                                                                                                                   | 123,216               |
| 662,571                                               | -                                                                       | 9,274                                                                                                                                                   | 671,845               |
| 672,574                                               | -                                                                       | (7,776)                                                                                                                                                 | 664,798               |
| 205,771                                               | -                                                                       | 563                                                                                                                                                     | 206,334               |
| 198,585                                               | -                                                                       | 950                                                                                                                                                     | 199,535               |
| 151,536                                               | -                                                                       | 1,003                                                                                                                                                   | 152,539               |
| 723,691                                               | -                                                                       | 16,837                                                                                                                                                  | 740,528               |
| 1,164,053                                             | -                                                                       | 14,904                                                                                                                                                  | 1,178,957             |
| 126,360                                               | -                                                                       | (3,814)                                                                                                                                                 | 122,546               |
| 20,620                                                | -                                                                       | 630                                                                                                                                                     | 21,250                |
| 22,297                                                | -                                                                       | 395                                                                                                                                                     | 22,692                |
| 172,143                                               | -                                                                       | (428)                                                                                                                                                   | 171,715               |
| 187,067                                               | -                                                                       | 705                                                                                                                                                     | 187,772               |
| 19,881                                                | -                                                                       | (1,003)                                                                                                                                                 | 18,878                |
| 416,888                                               | -                                                                       | 4,061                                                                                                                                                   | 420,949               |
| 587,529                                               | -                                                                       | 4,100                                                                                                                                                   | 591,629               |
| 193,927                                               | -                                                                       | 645                                                                                                                                                     | 194,572               |
| 92,770                                                | -                                                                       | (1,141)                                                                                                                                                 | 91,629                |
| 528,349                                               | -                                                                       | (910)                                                                                                                                                   | 527,439               |
| 500,330                                               | -                                                                       | (5,677)                                                                                                                                                 | 494,653               |
| 75,393                                                | -                                                                       | (490)                                                                                                                                                   | 74,903                |
| 52,569                                                | -                                                                       | (309)                                                                                                                                                   | 52,260                |
| 128,388                                               | -                                                                       | (1,824)                                                                                                                                                 | 126,564               |
| 77,220                                                | -                                                                       | (2,711)                                                                                                                                                 | 74,509                |
| 87,136                                                | -                                                                       | 2,228                                                                                                                                                   | 89,364                |
| 492,693                                               | -                                                                       | (2,408)                                                                                                                                                 | 490,285               |
| 584,023                                               | -                                                                       | 298                                                                                                                                                     | 584,321               |

Indiana Public Retirement System

1977 Police Officers' and Firefighters' Retirement Fund  
 Schedule of Pension Amounts by Employer  
 As of and for the Year Ended June 30, 2017  
 and Beginning Net Pension Liability as of July 1, 2016

| Submission Unit | Beginning Net Pension Liability (Asset) | Ending Net Pension Liability (Asset) | Deferred Outflows of Resources - Debit             |                                                                                             |                        |                                                                                                               |                                      |
|-----------------|-----------------------------------------|--------------------------------------|----------------------------------------------------|---------------------------------------------------------------------------------------------|------------------------|---------------------------------------------------------------------------------------------------------------|--------------------------------------|
|                 |                                         |                                      | Differences Between Expected and Actual Experience | Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments | Changes of Assumptions | Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions | Total Deferred Outflows of Resources |
| 7807100         | \$ 44,454                               | \$ (6,815)                           | \$ 27,444                                          | \$ 134,625                                                                                  | \$ -                   | \$ 5,825                                                                                                      | \$ 167,894                           |
| 7808100         | 53,276                                  | (10,043)                             | 40,445                                             | 198,403                                                                                     | -                      | 8,245                                                                                                         | 247,093                              |
| 7808200         | 37,072                                  | (7,207)                              | 29,021                                             | 142,365                                                                                     | -                      | 1,644                                                                                                         | 173,030                              |
| 7810100         | 58,757                                  | (10,423)                             | 41,973                                             | 205,899                                                                                     | -                      | 3,731                                                                                                         | 251,603                              |
| 7810200         | 73,246                                  | (12,761)                             | 51,390                                             | 252,095                                                                                     | -                      | 2,259                                                                                                         | 305,744                              |
| 7811100         | 59,601                                  | (10,000)                             | 40,271                                             | 197,550                                                                                     | -                      | 2,318                                                                                                         | 240,139                              |
| 7811200         | 37,391                                  | (6,155)                              | 24,785                                             | 121,583                                                                                     | -                      | 3,337                                                                                                         | 149,705                              |
| 7812100         | 336,106                                 | (57,355)                             | 230,966                                            | 1,133,011                                                                                   | -                      | 7,467                                                                                                         | 1,371,444                            |
| 7812200         | 101,754                                 | (17,846)                             | 71,864                                             | 352,531                                                                                     | -                      | 1,505                                                                                                         | 425,900                              |
| 7813100         | 79,411                                  | (13,172)                             | 53,042                                             | 260,201                                                                                     | -                      | 3,769                                                                                                         | 317,012                              |
| 7813200         | -                                       | (1,291)                              | 5,199                                              | 25,505                                                                                      | -                      | 1,743                                                                                                         | 32,447                               |
| 7814100         | 88,713                                  | (14,865)                             | 59,863                                             | 293,659                                                                                     | -                      | 2,616                                                                                                         | 356,138                              |
| 7815100         | 253,301                                 | (44,132)                             | 177,719                                            | 871,805                                                                                     | -                      | 8,566                                                                                                         | 1,058,090                            |
| 7815200         | 249,721                                 | (41,041)                             | 165,271                                            | 810,739                                                                                     | -                      | 10,509                                                                                                        | 986,519                              |
| 7816100         | 269,354                                 | (48,906)                             | 196,944                                            | 966,116                                                                                     | -                      | 6,749                                                                                                         | 1,169,809                            |
| 7816200         | 393,841                                 | (67,822)                             | 273,120                                            | 1,339,794                                                                                   | -                      | 11,273                                                                                                        | 1,624,187                            |
| 7817100         | 1,559,932                               | (265,770)                            | 1,070,252                                          | 5,250,147                                                                                   | -                      | 22,599                                                                                                        | 6,342,998                            |
| 7817200         | 1,561,833                               | (273,955)                            | 1,103,212                                          | 5,411,831                                                                                   | -                      | 78,024                                                                                                        | 6,593,067                            |
| 7819100         | 265,205                                 | (40,836)                             | 164,444                                            | 806,686                                                                                     | -                      | 14,680                                                                                                        | 985,810                              |
| 7819200         | 266,404                                 | (41,497)                             | 167,109                                            | 819,758                                                                                     | -                      | 11,591                                                                                                        | 998,458                              |
| 7820100         | 24,688                                  | (2,914)                              | 11,734                                             | 57,562                                                                                      | -                      | 7,024                                                                                                         | 76,320                               |
| 7820200         | 18,309                                  | (2,624)                              | 10,566                                             | 51,833                                                                                      | -                      | 4,398                                                                                                         | 66,797                               |
| 7821100         | 56,340                                  | (10,094)                             | 40,650                                             | 199,409                                                                                     | -                      | 1,967                                                                                                         | 242,026                              |
| 7822100         | 815,105                                 | (133,541)                            | 537,766                                            | 2,638,024                                                                                   | -                      | 67,701                                                                                                        | 3,243,491                            |
| 7822200         | 987,707                                 | (161,035)                            | 648,485                                            | 3,181,157                                                                                   | -                      | 166,115                                                                                                       | 3,995,757                            |
| 7823100         | 59,254                                  | (9,875)                              | 39,768                                             | 195,082                                                                                     | -                      | 6,085                                                                                                         | 240,935                              |
| 7823200         | 64,433                                  | (10,698)                             | 43,079                                             | 211,323                                                                                     | -                      | 1,492                                                                                                         | 255,894                              |
| 7824100         | 31,475                                  | (5,053)                              | 20,350                                             | 99,826                                                                                      | -                      | 2,281                                                                                                         | 122,457                              |
| 7824200         | 31,431                                  | (4,674)                              | 18,822                                             | 92,330                                                                                      | -                      | 2,061                                                                                                         | 113,213                              |
| 7825100         | 321,057                                 | (65,697)                             | 264,560                                            | 1,297,803                                                                                   | -                      | 24,955                                                                                                        | 1,587,318                            |
| 7825200         | 427,359                                 | (76,913)                             | 309,726                                            | 1,519,366                                                                                   | -                      | 19,647                                                                                                        | 1,848,739                            |
| 7826100         | 154,407                                 | (28,449)                             | 114,564                                            | 561,996                                                                                     | -                      | 30,763                                                                                                        | 707,323                              |
| 7826200         | 170,220                                 | (29,459)                             | 118,633                                            | 581,955                                                                                     | -                      | 17,292                                                                                                        | 717,880                              |
| 7827100         | 145,293                                 | (25,145)                             | 101,258                                            | 496,724                                                                                     | -                      | 10,311                                                                                                        | 608,293                              |
| 7827200         | 190,715                                 | (32,205)                             | 129,690                                            | 636,195                                                                                     | -                      | 21,062                                                                                                        | 786,947                              |
| 7828100         | 231,962                                 | (39,512)                             | 159,115                                            | 780,541                                                                                     | -                      | 27,736                                                                                                        | 967,392                              |
| 7828200         | 198,373                                 | (35,060)                             | 141,188                                            | 692,599                                                                                     | -                      | 6,445                                                                                                         | 840,232                              |
| 7829100         | 88,011                                  | (15,552)                             | 62,627                                             | 307,219                                                                                     | -                      | 15,461                                                                                                        | 385,307                              |
| 7829200         | 78,869                                  | (13,328)                             | 53,670                                             | 263,278                                                                                     | -                      | 3,048                                                                                                         | 319,996                              |
| 7830100         | 301,424                                 | (50,568)                             | 203,635                                            | 998,934                                                                                     | -                      | 9,306                                                                                                         | 1,211,875                            |
| 7830200         | 292,966                                 | (51,040)                             | 205,535                                            | 1,008,258                                                                                   | -                      | 50,009                                                                                                        | 1,263,802                            |
| 7831100         | 105,218                                 | (18,373)                             | 73,989                                             | 362,952                                                                                     | -                      | 11,695                                                                                                        | 448,636                              |
| 7831200         | 105,272                                 | (17,534)                             | 70,609                                             | 346,375                                                                                     | -                      | 18,389                                                                                                        | 435,373                              |
| 7832100         | 41,860                                  | (7,910)                              | 31,854                                             | 156,261                                                                                     | -                      | 1,384                                                                                                         | 189,499                              |
| 7832200         | 27,362                                  | (6,269)                              | 25,245                                             | 123,838                                                                                     | -                      | 2,909                                                                                                         | 151,992                              |
| 7834100         | 135,148                                 | (21,421)                             | 86,263                                             | 423,165                                                                                     | -                      | 30,610                                                                                                        | 540,038                              |
| 7835100         | 46,275                                  | (7,807)                              | 31,438                                             | 154,219                                                                                     | -                      | 588                                                                                                           | 186,245                              |
| 7835200         | 47,137                                  | (7,034)                              | 28,326                                             | 138,952                                                                                     | -                      | 1,196                                                                                                         | 168,474                              |
| 7836200         | 1,117,186                               | (181,187)                            | 729,636                                            | 3,579,244                                                                                   | -                      | 23,545                                                                                                        | 4,332,425                            |
| 7837200         | 28,774                                  | (5,047)                              | 20,325                                             | 99,704                                                                                      | -                      | 441                                                                                                           | 120,470                              |
| 7839100         | 3,767                                   | (216)                                | 870                                                | 4,266                                                                                       | -                      | 340                                                                                                           | 5,476                                |
| 7840100         | 27,868                                  | (4,851)                              | 19,536                                             | 95,835                                                                                      | -                      | 2,437                                                                                                         | 117,808                              |
| 7841200         | 56,038                                  | (9,514)                              | 38,314                                             | 187,951                                                                                     | -                      | 1,464                                                                                                         | 227,729                              |
| 7843200         | 82,148                                  | (15,310)                             | 61,652                                             | 302,435                                                                                     | -                      | 18,759                                                                                                        | 382,846                              |
| 7844200         | 77,723                                  | (11,996)                             | 48,309                                             | 236,981                                                                                     | -                      | 12,834                                                                                                        | 298,124                              |
| 7845100         | 62,843                                  | (13,055)                             | 52,570                                             | 257,885                                                                                     | -                      | 9,711                                                                                                         | 320,166                              |
| 7846100         | 107,812                                 | (18,038)                             | 72,641                                             | 356,340                                                                                     | -                      | 33,342                                                                                                        | 462,323                              |
| 7846200         | 67,560                                  | (12,094)                             | 48,700                                             | 238,901                                                                                     | -                      | 40,577                                                                                                        | 328,178                              |

| Deferred Inflows of Resources - Credit             |                                                                                             |                        |                                                                                                               |                                     |
|----------------------------------------------------|---------------------------------------------------------------------------------------------|------------------------|---------------------------------------------------------------------------------------------------------------|-------------------------------------|
| Differences Between Expected and Actual Experience | Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments | Changes of Assumptions | Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions | Total Deferred Inflows of Resources |
| \$ 21,414                                          | \$ 44,647                                                                                   | \$ 101,933             | \$ 4,765                                                                                                      | \$ 172,759                          |
| 31,559                                             | 65,799                                                                                      | 150,223                | 7,501                                                                                                         | 255,082                             |
| 22,646                                             | 47,214                                                                                      | 107,793                | 7,550                                                                                                         | 185,203                             |
| 32,752                                             | 68,285                                                                                      | 155,899                | 4,732                                                                                                         | 261,668                             |
| 40,100                                             | 83,605                                                                                      | 190,876                | 170                                                                                                           | 314,751                             |
| 31,424                                             | 65,516                                                                                      | 149,577                | 5,335                                                                                                         | 251,852                             |
| 19,340                                             | 40,322                                                                                      | 92,058                 | 3,825                                                                                                         | 155,545                             |
| 180,225                                            | 375,754                                                                                     | 857,871                | 10,704                                                                                                        | 1,424,554                           |
| 56,076                                             | 116,914                                                                                     | 266,922                | 5,037                                                                                                         | 444,949                             |
| 41,389                                             | 86,294                                                                                      | 197,014                | 3,936                                                                                                         | 328,633                             |
| 4,057                                              | 8,459                                                                                       | 19,311                 | 7,742                                                                                                         | 39,569                              |
| 46,712                                             | 97,390                                                                                      | 222,347                | 3,522                                                                                                         | 369,971                             |
| 138,676                                            | 289,127                                                                                     | 660,096                | 25,984                                                                                                        | 1,113,883                           |
| 128,962                                            | 268,875                                                                                     | 613,859                | 29,417                                                                                                        | 1,041,113                           |
| 153,677                                            | 320,405                                                                                     | 731,504                | 60,564                                                                                                        | 1,266,150                           |
| 213,117                                            | 444,332                                                                                     | 1,014,439              | 20,282                                                                                                        | 1,692,170                           |
| 835,126                                            | 1,741,170                                                                                   | 3,975,203              | 101,436                                                                                                       | 6,652,935                           |
| 860,845                                            | 1,794,792                                                                                   | 4,097,624              | 27,421                                                                                                        | 6,780,682                           |
| 128,317                                            | 267,531                                                                                     | 610,790                | 42,822                                                                                                        | 1,049,460                           |
| 130,397                                            | 271,867                                                                                     | 620,688                | 51,538                                                                                                        | 1,074,490                           |
| 9,156                                              | 19,090                                                                                      | 43,583                 | 1,878                                                                                                         | 73,707                              |
| 8,245                                              | 17,190                                                                                      | 39,246                 | 4,256                                                                                                         | 68,937                              |
| 31,719                                             | 66,132                                                                                      | 150,985                | 12,378                                                                                                        | 261,214                             |
| 419,623                                            | 874,880                                                                                     | 1,997,407              | 151,063                                                                                                       | 3,442,973                           |
| 506,018                                            | 1,055,006                                                                                   | 2,408,646              | 215,956                                                                                                       | 4,185,626                           |
| 31,031                                             | 64,697                                                                                      | 147,708                | 4,934                                                                                                         | 248,370                             |
| 33,615                                             | 70,084                                                                                      | 160,006                | 6,981                                                                                                         | 270,686                             |
| 15,879                                             | 33,107                                                                                      | 75,585                 | 5,026                                                                                                         | 129,597                             |
| 14,687                                             | 30,621                                                                                      | 69,909                 | 5,180                                                                                                         | 120,397                             |
| 206,438                                            | 430,406                                                                                     | 982,645                | 1,502                                                                                                         | 1,620,991                           |
| 241,681                                            | 503,886                                                                                     | 1,150,403              | 11,159                                                                                                        | 1,907,129                           |
| 89,395                                             | 186,381                                                                                     | 425,521                | 6,887                                                                                                         | 708,184                             |
| 92,570                                             | 193,001                                                                                     | 440,633                | 7,874                                                                                                         | 734,078                             |
| 79,013                                             | 164,735                                                                                     | 376,100                | 5,317                                                                                                         | 625,165                             |
| 101,198                                            | 210,989                                                                                     | 481,702                | 14,727                                                                                                        | 808,616                             |
| 124,158                                            | 258,860                                                                                     | 590,995                | 10,860                                                                                                        | 984,873                             |
| 110,170                                            | 229,695                                                                                     | 524,408                | 16,369                                                                                                        | 880,642                             |
| 48,868                                             | 101,887                                                                                     | 232,614                | 733                                                                                                           | 384,102                             |
| 41,879                                             | 87,314                                                                                      | 199,344                | 841                                                                                                           | 329,378                             |
| 158,898                                            | 331,289                                                                                     | 756,353                | 26,242                                                                                                        | 1,272,782                           |
| 160,381                                            | 334,381                                                                                     | 763,413                | 2,329                                                                                                         | 1,260,504                           |
| 57,734                                             | 120,370                                                                                     | 274,813                | 23,962                                                                                                        | 476,879                             |
| 55,097                                             | 114,873                                                                                     | 262,262                | 5,934                                                                                                         | 438,166                             |
| 24,856                                             | 51,823                                                                                      | 118,314                | 4,140                                                                                                         | 199,133                             |
| 19,699                                             | 41,070                                                                                      | 93,765                 | 899                                                                                                           | 155,433                             |
| 67,312                                             | 140,339                                                                                     | 320,404                | 12,781                                                                                                        | 540,836                             |
| 24,531                                             | 51,146                                                                                      | 116,768                | 3,676                                                                                                         | 196,121                             |
| 22,103                                             | 46,082                                                                                      | 105,209                | 13,436                                                                                                        | 186,830                             |
| 569,340                                            | 1,187,028                                                                                   | 2,710,061              | 61,229                                                                                                        | 4,527,658                           |
| 15,860                                             | 33,066                                                                                      | 75,492                 | 19,395                                                                                                        | 143,813                             |
| 679                                                | 1,415                                                                                       | 3,230                  | 4,594                                                                                                         | 9,918                               |
| 15,244                                             | 31,783                                                                                      | 72,562                 | 3,377                                                                                                         | 122,966                             |
| 29,897                                             | 62,333                                                                                      | 142,309                | 6,221                                                                                                         | 240,760                             |
| 48,107                                             | 100,300                                                                                     | 228,992                | 12,909                                                                                                        | 390,308                             |
| 37,696                                             | 78,593                                                                                      | 179,433                | 14,654                                                                                                        | 310,376                             |
| 41,021                                             | 85,525                                                                                      | 195,260                | 6,440                                                                                                         | 328,246                             |
| 56,682                                             | 118,177                                                                                     | 269,806                | 8,156                                                                                                         | 452,821                             |
| 38,001                                             | 79,230                                                                                      | 180,886                | 3,571                                                                                                         | 301,688                             |

| Pension Expense (Income)                              |                                                                         |                                                                                                                                                         |                       |
|-------------------------------------------------------|-------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| Proportionate Share of Allocable Plan Pension Expense | Pension Expense Related to Specific Liabilities of Individual Employers | Net Amortization of Deferred Amounts from Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions | Total Pension Expense |
| \$ 55,311                                             | \$ -                                                                    | \$ 269                                                                                                                                                  | \$ 55,580             |
| 81,515                                                | -                                                                       | 321                                                                                                                                                     | 81,836                |
| 58,491                                                | -                                                                       | (976)                                                                                                                                                   | 57,515                |
| 84,594                                                | -                                                                       | (311)                                                                                                                                                   | 84,283                |
| 103,574                                               | -                                                                       | 310                                                                                                                                                     | 103,884               |
| 81,164                                                | -                                                                       | (628)                                                                                                                                                   | 80,536                |
| 49,953                                                | -                                                                       | (17)                                                                                                                                                    | 49,936                |
| 465,501                                               | -                                                                       | (635)                                                                                                                                                   | 464,866               |
| 144,838                                               | -                                                                       | (542)                                                                                                                                                   | 144,296               |
| 106,904                                               | -                                                                       | 71                                                                                                                                                      | 106,975               |
| 10,479                                                | 8,030                                                                   | (766)                                                                                                                                                   | 17,743                |
| 120,651                                               | -                                                                       | (81)                                                                                                                                                    | 120,570               |
| 358,184                                               | -                                                                       | (3,044)                                                                                                                                                 | 355,140               |
| 333,095                                               | -                                                                       | (2,604)                                                                                                                                                 | 330,491               |
| 396,932                                               | -                                                                       | (8,973)                                                                                                                                                 | 387,959               |
| 550,459                                               | -                                                                       | (1,316)                                                                                                                                                 | 549,143               |
| 2,157,039                                             | -                                                                       | (13,416)                                                                                                                                                | 2,143,623             |
| 2,223,468                                             | -                                                                       | 9,014                                                                                                                                                   | 2,232,482             |
| 331,429                                               | -                                                                       | (3,909)                                                                                                                                                 | 327,520               |
| 336,800                                               | -                                                                       | (5,704)                                                                                                                                                 | 331,096               |
| 23,649                                                | -                                                                       | 981                                                                                                                                                     | 24,630                |
| 21,296                                                | -                                                                       | 3                                                                                                                                                       | 21,299                |
| 81,928                                                | -                                                                       | (1,732)                                                                                                                                                 | 80,196                |
| 1,083,840                                             | -                                                                       | (12,596)                                                                                                                                                | 1,071,244             |
| 1,306,988                                             | -                                                                       | (7,036)                                                                                                                                                 | 1,299,952             |
| 80,150                                                | -                                                                       | 362                                                                                                                                                     | 80,512                |
| 86,823                                                | -                                                                       | (917)                                                                                                                                                   | 85,906                |
| 41,014                                                | -                                                                       | (483)                                                                                                                                                   | 40,531                |
| 37,934                                                | -                                                                       | (501)                                                                                                                                                   | 37,433                |
| 533,207                                               | -                                                                       | 3,245                                                                                                                                                   | 536,452               |
| 624,236                                               | -                                                                       | 1,126                                                                                                                                                   | 625,362               |
| 230,898                                               | -                                                                       | 4,534                                                                                                                                                   | 235,432               |
| 239,098                                               | -                                                                       | 1,930                                                                                                                                                   | 241,028               |
| 204,081                                               | -                                                                       | 1,105                                                                                                                                                   | 205,186               |
| 261,383                                               | -                                                                       | 1,457                                                                                                                                                   | 262,840               |
| 320,688                                               | -                                                                       | 3,497                                                                                                                                                   | 324,185               |
| 284,556                                               | -                                                                       | (2,018)                                                                                                                                                 | 282,538               |
| 126,222                                               | -                                                                       | 2,495                                                                                                                                                   | 128,717               |
| 108,169                                               | -                                                                       | 363                                                                                                                                                     | 108,532               |
| 410,415                                               | -                                                                       | (2,627)                                                                                                                                                 | 407,788               |
| 414,246                                               | -                                                                       | 7,795                                                                                                                                                   | 422,041               |
| 149,120                                               | -                                                                       | (2,432)                                                                                                                                                 | 146,688               |
| 142,309                                               | -                                                                       | 1,829                                                                                                                                                   | 144,138               |
| 64,200                                                | -                                                                       | (536)                                                                                                                                                   | 63,664                |
| 50,879                                                | -                                                                       | 237                                                                                                                                                     | 51,116                |
| 173,859                                               | -                                                                       | 3,313                                                                                                                                                   | 177,172               |
| 63,361                                                | -                                                                       | (508)                                                                                                                                                   | 62,853                |
| 57,089                                                | -                                                                       | (1,909)                                                                                                                                                 | 55,180                |
| 1,470,544                                             | -                                                                       | (6,805)                                                                                                                                                 | 1,463,739             |
| 40,964                                                | -                                                                       | (3,433)                                                                                                                                                 | 37,531                |
| 1,753                                                 | -                                                                       | (684)                                                                                                                                                   | 1,069                 |
| 39,374                                                | -                                                                       | (91)                                                                                                                                                    | 39,283                |
| 77,220                                                | -                                                                       | (835)                                                                                                                                                   | 76,385                |
| 124,256                                               | -                                                                       | 1,336                                                                                                                                                   | 125,592               |
| 97,364                                                | -                                                                       | (473)                                                                                                                                                   | 96,891                |
| 105,953                                               | -                                                                       | 642                                                                                                                                                     | 106,595               |
| 146,403                                               | -                                                                       | 4,797                                                                                                                                                   | 151,200               |
| 98,153                                                | -                                                                       | 7,086                                                                                                                                                   | 105,239               |

Indiana Public Retirement System

1977 Police Officers' and Firefighters' Retirement Fund  
 Schedule of Pension Amounts by Employer  
 As of and for the Year Ended June 30, 2017  
 and Beginning Net Pension Liability as of July 1, 2016

| Submission Unit | Beginning Net Pension Liability (Asset) | Ending Net Pension Liability (Asset) | Deferred Outflows of Resources - Debit             |                                                                                             |                        |                                                                                                               |                                      |
|-----------------|-----------------------------------------|--------------------------------------|----------------------------------------------------|---------------------------------------------------------------------------------------------|------------------------|---------------------------------------------------------------------------------------------------------------|--------------------------------------|
|                 |                                         |                                      | Differences Between Expected and Actual Experience | Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments | Changes of Assumptions | Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions | Total Deferred Outflows of Resources |
| 7847200         | \$ 43,681                               | \$ (7,526)                           | \$ 30,307                                          | \$ 148,673                                                                                  | \$ -                   | \$ 1,668                                                                                                      | \$ 180,648                           |
| 7849200         | 77,883                                  | (17,761)                             | 71,522                                             | 350,855                                                                                     | -                      | 22,970                                                                                                        | 445,347                              |
| 7850100         | 722,866                                 | (137,559)                            | 553,948                                            | 2,717,404                                                                                   | -                      | 153,600                                                                                                       | 3,424,952                            |
| 7850200         | 933,401                                 | (163,292)                            | 657,573                                            | 3,225,738                                                                                   | -                      | 175,795                                                                                                       | 4,059,106                            |
| 7851200         | 256,845                                 | (49,417)                             | 199,001                                            | 976,202                                                                                     | -                      | 39,552                                                                                                        | 1,214,755                            |
| 7852200         | 977,268                                 | (178,205)                            | 717,628                                            | 3,520,341                                                                                   | -                      | 41,450                                                                                                        | 4,279,419                            |
| 7853100         | 26,731                                  | (4,529)                              | 18,238                                             | 89,466                                                                                      | -                      | 2,492                                                                                                         | 110,196                              |
| 7854100         | 16,159                                  | (3,114)                              | 12,542                                             | 61,523                                                                                      | -                      | 1,928                                                                                                         | 75,993                               |
| 7855100         | 135,032                                 | (25,193)                             | 101,451                                            | 497,669                                                                                     | -                      | 31,694                                                                                                        | 630,814                              |
| 7855200         | 466,349                                 | (73,613)                             | 296,439                                            | 1,454,186                                                                                   | -                      | 11,339                                                                                                        | 1,761,964                            |
| 7856200         | 199,856                                 | (33,458)                             | 134,733                                            | 660,938                                                                                     | -                      | 13,754                                                                                                        | 809,425                              |
| 7857100         | 56,882                                  | (9,172)                              | 36,935                                             | 181,187                                                                                     | -                      | 22,623                                                                                                        | 240,745                              |
| 7858100         | 141,508                                 | (23,069)                             | 92,897                                             | 455,709                                                                                     | -                      | 26,801                                                                                                        | 575,407                              |
| 7859100         | 24,404                                  | (6,007)                              | 24,189                                             | 118,658                                                                                     | -                      | 33,370                                                                                                        | 176,217                              |
| 7859200         | 57,629                                  | (9,514)                              | 38,314                                             | 187,951                                                                                     | -                      | 980                                                                                                           | 227,245                              |
| 7860200         | 448,706                                 | (74,269)                             | 299,079                                            | 1,467,137                                                                                   | -                      | 6,201                                                                                                         | 1,772,417                            |
| 7861100         | 17,847                                  | (1,941)                              | 7,814                                              | 38,334                                                                                      | -                      | 17,711                                                                                                        | 63,859                               |
| 7862200         | 177,718                                 | (27,246)                             | 109,719                                            | 538,227                                                                                     | -                      | 32,352                                                                                                        | 680,298                              |
| 7863100         | -                                       | (412)                                | 1,659                                              | 8,136                                                                                       | -                      | 557                                                                                                           | 10,352                               |
| 7864100         | 109,163                                 | (19,326)                             | 77,827                                             | 381,784                                                                                     | -                      | 25,685                                                                                                        | 485,296                              |
| 7864200         | 399,828                                 | (73,738)                             | 296,942                                            | 1,456,654                                                                                   | -                      | 116,858                                                                                                       | 1,870,454                            |
| 7865100         | 59,716                                  | (10,944)                             | 44,073                                             | 216,199                                                                                     | -                      | 31,493                                                                                                        | 291,765                              |
| 7865200         | 85,372                                  | (17,536)                             | 70,616                                             | 346,406                                                                                     | -                      | 31,240                                                                                                        | 448,262                              |
| 7866100         | 18,087                                  | (3,045)                              | 12,262                                             | 60,152                                                                                      | -                      | 1,693                                                                                                         | 74,107                               |
| 7867100         | 59,849                                  | (10,499)                             | 42,277                                             | 207,393                                                                                     | -                      | 29,008                                                                                                        | 278,678                              |
| 7867200         | 96,157                                  | (18,515)                             | 74,560                                             | 365,756                                                                                     | -                      | 52,191                                                                                                        | 492,507                              |
| 7868200         | 9,008                                   | (1,492)                              | 6,007                                              | 29,466                                                                                      | -                      | 2,210                                                                                                         | 37,683                               |
| 7869100         | 41,203                                  | (6,300)                              | 25,369                                             | 124,448                                                                                     | -                      | 5,341                                                                                                         | 155,158                              |
| 7870100         | 33,678                                  | (6,048)                              | 24,356                                             | 119,481                                                                                     | -                      | 45,272                                                                                                        | 189,109                              |
| 7871200         | 41,140                                  | (7,552)                              | 30,413                                             | 149,191                                                                                     | -                      | 51,196                                                                                                        | 230,800                              |
| 7872200         | 38,564                                  | (6,539)                              | 26,332                                             | 129,171                                                                                     | -                      | 49,322                                                                                                        | 204,825                              |
| 7873100         | -                                       | (7,188)                              | 28,947                                             | 142,000                                                                                     | -                      | 9,707                                                                                                         | 180,654                              |
| 7874100         | 27,060                                  | (4,867)                              | 19,598                                             | 96,139                                                                                      | -                      | 31,998                                                                                                        | 147,735                              |
| 7875100         | 31,200                                  | (5,098)                              | 20,530                                             | 100,710                                                                                     | -                      | 16,050                                                                                                        | 137,290                              |
| 7876200         | -                                       | (52,872)                             | 212,915                                            | 1,044,459                                                                                   | -                      | 71,398                                                                                                        | 1,328,772                            |
| Total           | \$ 88,836,922                           | \$ (15,425,396)                      | \$ 62,117,792                                      | \$ 304,720,235                                                                              | \$ -                   | \$ 8,110,028                                                                                                  | \$ 374,948,055                       |

See accompanying Notes to the Schedules.

| Deferred Inflows of Resources - Credit             |                                                                                             |                        |                                                                                                               |                                     | Pension Expense (Income)                              |                                                                         |                                                                                                                                                         |                       |
|----------------------------------------------------|---------------------------------------------------------------------------------------------|------------------------|---------------------------------------------------------------------------------------------------------------|-------------------------------------|-------------------------------------------------------|-------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| Differences Between Expected and Actual Experience | Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments | Changes of Assumptions | Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions | Total Deferred Inflows of Resources | Proportionate Share of Allocable Plan Pension Expense | Pension Expense Related to Specific Liabilities of Individual Employers | Net Amortization of Deferred Amounts from Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions | Total Pension Expense |
| \$ 23,649                                          | \$ 49,306                                                                                   | \$ 112,569             | \$ 1,416                                                                                                      | \$ 186,940                          | \$ 61,083                                             | \$ -                                                                    | \$ 74                                                                                                                                                   | \$ 61,157             |
| 55,810                                             | 116,358                                                                                     | 265,653                | 7,888                                                                                                         | 445,709                             | 144,150                                               | -                                                                       | 1,950                                                                                                                                                   | 146,100               |
| 432,250                                            | 901,206                                                                                     | 2,057,510              | 693                                                                                                           | 3,391,659                           | 1,116,454                                             | -                                                                       | 26,790                                                                                                                                                  | 1,143,244             |
| 513,109                                            | 1,069,791                                                                                   | 2,442,401              | -                                                                                                             | 4,025,301                           | 1,325,304                                             | -                                                                       | 29,780                                                                                                                                                  | 1,355,084             |
| 155,282                                            | 323,750                                                                                     | 739,141                | 624                                                                                                           | 1,218,797                           | 401,076                                               | -                                                                       | 6,797                                                                                                                                                   | 407,873               |
| 559,971                                            | 1,167,494                                                                                   | 2,665,463              | 53,446                                                                                                        | 4,446,374                           | 1,446,343                                             | -                                                                       | (3,392)                                                                                                                                                 | 1,442,951             |
| 14,231                                             | 29,671                                                                                      | 67,740                 | 3,056                                                                                                         | 114,698                             | 36,757                                                | -                                                                       | (88)                                                                                                                                                    | 36,669                |
| 9,786                                              | 20,404                                                                                      | 46,583                 | 3,749                                                                                                         | 80,522                              | 25,277                                                | -                                                                       | (234)                                                                                                                                                   | 25,043                |
| 79,163                                             | 165,048                                                                                     | 376,815                | 1,311                                                                                                         | 622,337                             | 204,469                                               | -                                                                       | 5,067                                                                                                                                                   | 209,536               |
| 231,313                                            | 482,269                                                                                     | 1,101,052              | 36,844                                                                                                        | 1,851,478                           | 597,457                                               | -                                                                       | (3,869)                                                                                                                                                 | 593,588               |
| 105,134                                            | 219,195                                                                                     | 500,436                | 2,564                                                                                                         | 827,329                             | 271,549                                               | -                                                                       | 1,730                                                                                                                                                   | 273,279               |
| 28,821                                             | 60,089                                                                                      | 137,187                | 2,935                                                                                                         | 229,032                             | 74,441                                                | -                                                                       | 3,784                                                                                                                                                   | 78,225                |
| 72,488                                             | 151,132                                                                                     | 345,045                | 28,705                                                                                                        | 597,370                             | 187,230                                               | -                                                                       | (306)                                                                                                                                                   | 186,924               |
| 18,875                                             | 39,352                                                                                      | 89,843                 | 18,780                                                                                                        | 166,850                             | 48,751                                                | -                                                                       | 2,256                                                                                                                                                   | 51,007                |
| 29,897                                             | 62,333                                                                                      | 142,309                | 13,773                                                                                                        | 248,312                             | 77,220                                                | -                                                                       | (2,175)                                                                                                                                                 | 75,045                |
| 233,373                                            | 486,564                                                                                     | 1,110,857              | 53,950                                                                                                        | 1,884,744                           | 602,778                                               | -                                                                       | (7,664)                                                                                                                                                 | 595,114               |
| 6,098                                              | 12,713                                                                                      | 29,025                 | 3,572                                                                                                         | 51,408                              | 15,750                                                | 122,099                                                                 | 2,617                                                                                                                                                   | 140,466               |
| 85,614                                             | 178,499                                                                                     | 407,524                | 10,940                                                                                                        | 682,577                             | 221,132                                               | -                                                                       | 3,815                                                                                                                                                   | 224,947               |
| 1,294                                              | 2,698                                                                                       | 6,160                  | 211                                                                                                           | 10,363                              | 3,343                                                 | -                                                                       | 42                                                                                                                                                      | 3,385                 |
| 60,729                                             | 126,616                                                                                     | 289,072                | 4,212                                                                                                         | 480,629                             | 156,857                                               | -                                                                       | 3,460                                                                                                                                                   | 160,317               |
| 231,706                                            | 483,088                                                                                     | 1,102,921              | 17,791                                                                                                        | 1,835,506                           | 598,471                                               | -                                                                       | 16,774                                                                                                                                                  | 615,245               |
| 34,390                                             | 71,701                                                                                      | 163,697                | 661                                                                                                           | 270,449                             | 88,826                                                | -                                                                       | 4,927                                                                                                                                                   | 93,753                |
| 55,102                                             | 114,883                                                                                     | 262,285                | 532                                                                                                           | 432,802                             | 142,322                                               | -                                                                       | 4,842                                                                                                                                                   | 147,164               |
| 9,568                                              | 19,949                                                                                      | 45,545                 | 3,657                                                                                                         | 78,719                              | 24,714                                                | -                                                                       | (314)                                                                                                                                                   | 24,400                |
| 32,989                                             | 68,780                                                                                      | 157,029                | 7,915                                                                                                         | 266,713                             | 85,208                                                | -                                                                       | 3,593                                                                                                                                                   | 88,801                |
| 58,180                                             | 121,300                                                                                     | 276,936                | 1,995                                                                                                         | 458,411                             | 150,272                                               | -                                                                       | 7,407                                                                                                                                                   | 157,679               |
| 4,687                                              | 9,772                                                                                       | 22,311                 | 1,423                                                                                                         | 38,193                              | 12,106                                                | -                                                                       | 94                                                                                                                                                      | 12,200                |
| 19,796                                             | 41,272                                                                                      | 94,227                 | 5,375                                                                                                         | 160,670                             | 51,130                                                | -                                                                       | (162)                                                                                                                                                   | 50,968                |
| 19,005                                             | 39,625                                                                                      | 90,466                 | 1,005                                                                                                         | 150,101                             | 49,089                                                | -                                                                       | 6,950                                                                                                                                                   | 56,039                |
| 23,731                                             | 49,478                                                                                      | 112,962                | -                                                                                                             | 186,171                             | 61,296                                                | -                                                                       | 8,071                                                                                                                                                   | 69,367                |
| 20,547                                             | 42,839                                                                                      | 97,803                 | 18,531                                                                                                        | 179,720                             | 53,070                                                | -                                                                       | 4,884                                                                                                                                                   | 57,954                |
| 22,587                                             | 47,093                                                                                      | 107,516                | 405                                                                                                           | 177,601                             | 58,341                                                | -                                                                       | 1,187                                                                                                                                                   | 59,528                |
| 15,293                                             | 31,884                                                                                      | 72,793                 | 13,395                                                                                                        | 133,365                             | 39,499                                                | -                                                                       | 2,916                                                                                                                                                   | 42,415                |
| 16,020                                             | 33,400                                                                                      | 76,254                 | 22,591                                                                                                        | 148,265                             | 41,377                                                | -                                                                       | (925)                                                                                                                                                   | 40,452                |
| 166,139                                            | 346,387                                                                                     | 790,823                | 223,543                                                                                                       | 1,526,892                           | 429,119                                               | -                                                                       | (19,428)                                                                                                                                                | 409,691               |
| \$ 48,471,006                                      | \$ 101,058,102                                                                              | \$ 230,722,052         | \$ 8,110,028                                                                                                  | \$ 388,361,188                      | \$ 125,195,259                                        | \$ 158,766                                                              | \$ -                                                                                                                                                    | \$ 125,354,025        |

## Indiana Public Retirement System

### 1977 Police Officers' and Firefighters' Retirement Fund

#### Notes to the Schedules of Employer Allocations and Pension Amounts by Employer Year Ended June 30, 2017

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#### **Nature of the Schedules**

The purpose of these schedules is to provide employers information, with regard to GASB Statement No. 68, for their financial statements. As of the measurement date, the schedules provide each employer with their proportionate share of the net pension liability, deferred outflows and inflows of resources, and pension expense. The net pension liability as of the previous measurement date is provided as a beginning balance. Deferred outflows and inflows of resources, and pension expense include: each employer's proportionate share of plan level amounts such as differences between expected and actual experience, the net difference between projected and actual investment earnings on pension plan investments and changes in assumptions, plus amounts specifically related to the individual employer such as a change in proportion, differences between the employer's contributions and the employer's proportionate share of collective contributions, and employer service purchase credits.

#### **Basis of the Allocation**

Wages reported by employers relative to the collective wages of the plan serve as the basis to determine the employer's proportionate share. This basis of allocation measures the proportionate relationship of an employer to all employers, and is consistent with the manner in which contributions to the pension plan are determined. This pension plan does not have a special funding situation, as there is not a non-employer contributing entity legally responsible for making contributions that are used to provide pension benefits to members of the pension plan.

#### **Net Pension Liability**

The net pension liability for fiscal year 2017 is calculated as set forth in the following table:

|                                                        |    |                     |
|--------------------------------------------------------|----|---------------------|
| Net pension liability (asset) - beginning July 1, 2016 | \$ | 88,836,922          |
| Total pension expense                                  |    | 125,354,025         |
| Change in deferred outflows of resources               |    | (100,352,398)       |
| Change in deferred inflows of resources                |    | 21,593,473          |
| Defined benefit plan employer contributions            |    | (150,857,418)       |
| Net pension liability (asset) - ending June 30, 2017   | \$ | <u>(15,425,396)</u> |

#### **Average Expected Remaining Service Life**

The average expected remaining service life of the pension plan is determined by taking the calculated total future service years of the plan divided by the number of people in the plan including retirees. The total future service years of the plan are determined using the mortality, termination, retirement and disability assumptions associated with the plan. The average expected remaining service lives is used to amortize all deferred outflows and inflows of resources, except for the difference between expected and actual investment earnings, which is amortized over five years.

|               | <u>Years</u> |
|---------------|--------------|
| June 30, 2017 | 8.83         |
| June 30, 2016 | 9.04         |
| June 30, 2015 | 9.31         |
| June 30, 2014 | 9.29         |



## Indiana Public Retirement System

### 1977 Police Officers' and Firefighters' Retirement Fund

#### Notes to the Schedules of Employer Allocations and Pension Amounts by Employer Year Ended June 30, 2017

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#### Types of Deferred Outflows and Inflows of Resources

Difference between expected and actual experience: the actuaries use assumptions such as future salary increases and inflation to develop what they expect to be the experience of the pension plan. Each year the difference between the expected experience and the actual experience is amortized over the average expected remaining service lives of the plan participants.

Net difference between projected and actual investment earnings: the actuaries use the pension plan's expected long-term rate of return to project investment earnings net of investment expenses. The difference between the expected and the actual investment earnings is deferred and amortized over five years.

Changes in assumptions: there are two mortality tables, healthy and disabled, that are utilized for the June 30, 2017 actuarial valuation. An assumption study was performed in April 2015 and the key assumptions are as follows:

- Inflation decreased from 2.25% to the prior fiscal year
- The future salary increase rate remained at 2.50% per year compared to the prior fiscal year
- Future COLA remained at 2.00% per year compared to the prior fiscal year
- Mortality for healthy members is assumed to follow the RP-2014 (with MP-2014 improvement removed) Blue Collar mortality tables. For disabled members, the RP-2014 Disabled mortality tables (with MP-2014 mortality removed) are assumed instead of the RP-2014 Blue Collar mortality tables (with MP-2014 mortality removed). Both tables assume future mortality improvement projected generationally using mortality improvement inherent in the Social Security Administration's 2014 Trustee report.

A change in an employer's proportionate share: represents the change as of the current year measurement date versus the prior year measurement date, and is amortized over the average expected remaining service lives of the plan.

The difference between an employer's contributions and the employer's proportionate share of the collective contributions is amortized over the average expected remaining service lives of the plan.

#### Pension Expense

As part of the plan pension expense, employer's service purchase credits (specific liabilities of individual employers) are expensed in the year purchased. The components of pension expense are:

|                                                                  |    |                           |
|------------------------------------------------------------------|----|---------------------------|
| Service cost                                                     | \$ | 134,489,476               |
| Interest on the total pension liability                          |    | 344,396,796               |
| Member contributions                                             |    | (47,115,749)              |
| Projected earnings on plan investments                           |    | (335,998,500)             |
| Pension plan administrative expenses                             |    | 1,607,057                 |
| Plan amendments                                                  |    | 1,323,025                 |
| Recognition of outflow (inflow) of resources due to amortization |    | 26,493,154                |
| Total pension expenses - before reconciling items                |    | <u>125,195,259</u>        |
| Reconciling items:                                               |    |                           |
| Employer specific liability payments                             |    | <u>158,766</u>            |
| Total pension expense - Schedule of Pension Amounts              | \$ | <u><u>125,354,025</u></u> |

**Indiana Public Retirement System**

**1977 Police Officers' and Firefighters' Retirement Fund  
Notes to the Schedules of Employer Allocations and Pension Amounts by Employer  
Year Ended June 30, 2017**

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**Access to INPRS Comprehensive Annual Financial Report (CAFR) and Actuarial Valuations**

Link to the INPRS June 30, 2017 CAFR:

[www.in.gov/inprs/files/2017\\_INPRSCAFRBookWeb.pdf](http://www.in.gov/inprs/files/2017_INPRSCAFRBookWeb.pdf)

Link to the June 30, 2017 Actuarial Valuations:

[www.in.gov/inprs/files/20171977FundActuarialReport.pdf](http://www.in.gov/inprs/files/20171977FundActuarialReport.pdf)

**OTHER INFORMATION  
(UNAUDITED)**

Indiana Public Retirement System

1977 Police Officers' and Firefighters' Retirement Fund  
 Schedule of Additional Pension Amounts by Employer  
 (UNAUDITED)  
 Year Ended June 30, 2017

| Submission Unit | Contributions Shown by INPRS | Amortization of Net Deferred Outflows/(Inflows) of Resources |           |          |             |             |             |             |
|-----------------|------------------------------|--------------------------------------------------------------|-----------|----------|-------------|-------------|-------------|-------------|
|                 |                              | 2018                                                         | 2019      | 2020     | 2021        | 2022        | Thereafter  | Total       |
| 7700100         | \$ 93,669                    | \$ 16,097                                                    | \$ 47,798 | \$ 3,203 | \$ (29,910) | \$ (22,204) | \$ (25,368) | \$ (10,384) |
| 7700200         | 88,893                       | 15,326                                                       | 45,408    | 3,091    | (28,332)    | (21,019)    | (24,149)    | (9,675)     |
| 7701100         | 965,104                      | 155,490                                                      | 483,403   | 22,116   | (320,409)   | (240,699)   | (264,841)   | (164,940)   |
| 7701200         | 1,009,978                    | 150,879                                                      | 494,185   | 11,245   | (347,357)   | (263,906)   | (287,819)   | (242,773)   |
| 7702100         | 169,925                      | 30,578                                                       | 88,375    | 7,070    | (53,301)    | (39,252)    | (45,702)    | (12,232)    |
| 7703100         | 46,025                       | 9,965                                                        | 25,321    | 3,719    | (12,321)    | (8,588)     | (11,319)    | 6,777       |
| 7704100         | 201,184                      | 36,036                                                       | 104,234   | 8,298    | (62,939)    | (46,361)    | (53,405)    | (14,137)    |
| 7704200         | 155,787                      | 26,877                                                       | 79,888    | 5,315    | (50,058)    | (37,172)    | (41,945)    | (17,095)    |
| 7705100         | 80,468                       | 13,252                                                       | 40,583    | 2,136    | (26,412)    | (19,768)    | (21,532)    | (11,741)    |
| 7706100         | 112,223                      | 18,837                                                       | 55,457    | 3,942    | (34,310)    | (25,408)    | (28,923)    | (10,405)    |
| 7706200         | 19,051                       | 3,770                                                        | 10,000    | 1,235    | (5,273)     | (3,758)     | (4,481)     | 1,493       |
| 7707100         | 261,323                      | 46,164                                                       | 134,852   | 10,091   | (82,548)    | (60,990)    | (69,713)    | (22,144)    |
| 7707200         | 316,772                      | 54,758                                                       | 162,383   | 10,983   | (101,438)   | (75,277)    | (85,353)    | (33,944)    |
| 7708100         | 347,942                      | 60,285                                                       | 178,737   | 12,106   | (111,624)   | (82,831)    | (93,055)    | (36,382)    |
| 7708200         | 370,395                      | 63,909                                                       | 190,119   | 12,575   | (119,258)   | (88,579)    | (99,303)    | (40,537)    |
| 7709100         | 49,293                       | 8,397                                                        | 25,239    | 1,547    | (16,045)    | (11,951)    | (13,017)    | (5,830)     |
| 7710100         | 32,683                       | 5,082                                                        | 17,230    | 140      | (12,550)    | (9,597)     | (9,710)     | (9,405)     |
| 7711100         | 964,979                      | 164,126                                                      | 492,316   | 30,639   | (312,174)   | (232,397)   | (261,573)   | (119,063)   |
| 7711200         | 1,044,240                    | 182,743                                                      | 537,838   | 38,312   | (332,605)   | (246,288)   | (284,491)   | (104,491)   |
| 7712100         | 172,501                      | 30,364                                                       | 89,047    | 6,495    | (54,803)    | (40,538)    | (46,506)    | (15,941)    |
| 7712200         | 60,742                       | 11,755                                                       | 32,414    | 3,352    | (18,228)    | (13,206)    | (15,696)    | 391         |
| 7713100         | 101,852                      | 19,458                                                       | 54,069    | 5,380    | (30,773)    | (22,360)    | (25,378)    | 396         |
| 7713200         | 106,122                      | 17,749                                                       | 53,882    | 3,052    | (34,691)    | (25,907)    | (29,235)    | (15,150)    |
| 7714100         | 116,848                      | 19,799                                                       | 59,596    | 3,613    | (37,957)    | (28,284)    | (30,512)    | (13,745)    |
| 7714200         | 122,391                      | 21,289                                                       | 62,904    | 4,362    | (39,108)    | (28,992)    | (32,140)    | (11,685)    |
| 7715100         | 130,188                      | 21,929                                                       | 64,488    | 4,619    | (39,835)    | (29,490)    | (32,764)    | (11,053)    |
| 7716100         | 513,522                      | 86,791                                                       | 254,790   | 18,459   | (157,026)   | (116,188)   | (120,679)   | (33,853)    |
| 7716200         | 787,292                      | 126,003                                                      | 382,783   | 21,562   | (246,659)   | (184,241)   | (195,090)   | (95,642)    |
| 7717100         | 49,992                       | 8,501                                                        | 25,487    | 1,593    | (16,149)    | (12,021)    | (13,796)    | (6,385)     |
| 7718100         | 11,680                       | 1,869                                                        | 5,738     | 296      | (3,745)     | (2,805)     | (3,114)     | (1,761)     |
| 7719100         | 1,476,835                    | 255,383                                                      | 737,923   | 59,117   | (444,924)   | (327,628)   | (366,706)   | (86,835)    |
| 7719200         | 1,983,080                    | 331,022                                                      | 979,496   | 67,264   | (610,105)   | (452,473)   | (498,252)   | (183,048)   |
| 7720100         | 244,133                      | 46,196                                                       | 129,232   | 12,422   | (74,314)    | (54,130)    | (59,280)    | 126         |
| 7721100         | 133,877                      | 23,556                                                       | 68,159    | 5,415    | (41,175)    | (30,333)    | (35,375)    | (9,753)     |
| 7722100         | 186,313                      | 30,009                                                       | 90,696    | 5,326    | (58,064)    | (43,313)    | (48,073)    | (23,419)    |
| 7722200         | 145,704                      | 23,806                                                       | 71,350    | 4,468    | (45,194)    | (33,637)    | (36,448)    | (15,655)    |
| 7723100         | 484,082                      | 89,601                                                       | 254,019   | 22,726   | (149,018)   | (109,051)   | (125,216)   | (16,939)    |
| 7723200         | 354,169                      | 61,949                                                       | 182,435   | 12,942   | (112,912)   | (83,624)    | (95,366)    | (34,576)    |
| 7724100         | 46,717                       | 5,272                                                        | 21,069    | (1,153)  | (17,654)    | (13,814)    | (11,313)    | (17,593)    |
| 7724200         | 12,641                       | 2,052                                                        | 6,335     | 310      | (4,165)     | (3,124)     | (3,542)     | (2,134)     |
| 7725100         | 166,472                      | 31,483                                                       | 88,183    | 8,421    | (50,805)    | (37,022)    | (43,718)    | (3,458)     |
| 7725200         | 83,871                       | 16,296                                                       | 44,938    | 4,646    | (25,272)    | (18,310)    | (20,698)    | 1,600       |
| 7726100         | 868,142                      | 162,580                                                      | 457,132   | 42,775   | (264,902)   | (193,302)   | (223,665)   | (19,382)    |
| 7726200         | 987,304                      | 176,279                                                      | 511,145   | 40,077   | (309,711)   | (228,311)   | (260,771)   | (71,292)    |
| 7727100         | 208,335                      | 33,237                                                       | 101,497   | 5,474    | (65,827)    | (49,235)    | (56,186)    | (31,040)    |
| 7727200         | 224,544                      | 36,869                                                       | 110,370   | 6,974    | (69,802)    | (51,935)    | (58,665)    | (26,189)    |
| 7728100         | 8,333                        | (1,005)                                                      | 1,813     | (2,151)  | (5,095)     | (4,410)     | (4,114)     | (14,962)    |
| 7729100         | 342,264                      | 64,700                                                       | 181,108   | 17,353   | (104,242)   | (75,946)    | (87,079)    | (4,106)     |
| 7729200         | 426,395                      | 72,586                                                       | 217,375   | 13,696   | (137,544)   | (102,349)   | (118,005)   | (54,241)    |
| 7730100         | 511,318                      | 98,207                                                       | 271,889   | 27,564   | (153,856)   | (111,638)   | (129,329)   | 2,837       |
| 7730200         | 371,145                      | 67,852                                                       | 194,072   | 16,514   | (115,330)   | (84,648)    | (94,315)    | (15,855)    |
| 7731100         | 158,957                      | 30,478                                                       | 84,519    | 8,498    | (47,951)    | (34,814)    | (42,220)    | (1,490)     |
| 7731200         | 83,322                       | 14,686                                                       | 43,046    | 3,151    | (26,473)    | (19,579)    | (22,212)    | (7,381)     |
| 7732100         | 53,635                       | 7,951                                                        | 26,176    | 538      | (18,500)    | (14,070)    | (15,606)    | (13,511)    |
| 7733100         | 19,131                       | 2,842                                                        | 9,272     | 226      | (6,490)     | (4,927)     | (6,071)     | (5,148)     |
| 7734100         | 358,664                      | 65,528                                                       | 187,459   | 15,934   | (111,430)   | (81,791)    | (92,999)    | (17,299)    |
| 7735100         | 848,252                      | 130,630                                                      | 418,255   | 13,643   | (286,798)   | (216,882)   | (230,540)   | (171,692)   |
| 7735200         | 697,007                      | 101,993                                                      | 338,651   | 5,735    | (241,468)   | (183,941)   | (192,126)   | (171,156)   |
| 7736100         | 236,434                      | 45,901                                                       | 129,495   | 11,899   | (75,420)    | (55,100)    | (64,657)    | (7,882)     |
| 7737100         | 1,297,934                    | 214,143                                                      | 638,025   | 41,734   | (401,035)   | (297,997)   | (312,931)   | (118,061)   |
| 7737200         | 1,272,148                    | 218,195                                                      | 633,684   | 49,200   | (384,802)   | (283,805)   | (308,447)   | (75,975)    |

| <b>Net Pension Liability (Asset)</b> |                            |                                |
|--------------------------------------|----------------------------|--------------------------------|
| <b>Discount Rate Sensitivity</b>     |                            |                                |
| <b>1% Decrease<br/>(5.75%)</b>       | <b>Current<br/>(6.75%)</b> | <b>1% Increase<br/>(7.75%)</b> |
| \$ 521,902                           | \$ (9,544)                 | \$ (438,970)                   |
| 495,246                              | (9,056)                    | (416,549)                      |
| 5,398,530                            | (98,719)                   | (4,540,678)                    |
| 5,651,931                            | (103,353)                  | (4,753,812)                    |
| 951,521                              | (17,400)                   | (800,319)                      |
| 252,811                              | (4,623)                    | (212,638)                      |
| 1,122,761                            | (20,531)                   | (944,349)                      |
| 872,733                              | (15,959)                   | (734,052)                      |
| 449,948                              | (8,228)                    | (378,449)                      |
| 602,883                              | (11,025)                   | (507,082)                      |
| 102,575                              | (1,876)                    | (86,276)                       |
| 1,460,095                            | (26,700)                   | (1,228,079)                    |
| 1,771,870                            | (32,401)                   | (1,490,311)                    |
| 1,950,111                            | (35,660)                   | (1,640,229)                    |
| 2,077,824                            | (37,996)                   | (1,747,648)                    |
| 277,274                              | (5,070)                    | (233,214)                      |
| 200,005                              | (3,657)                    | (168,223)                      |
| 5,403,085                            | (98,803)                   | (4,544,509)                    |
| 5,846,031                            | (106,903)                  | (4,917,069)                    |
| 966,114                              | (17,667)                   | (812,594)                      |
| 340,118                              | (6,220)                    | (286,072)                      |
| 569,816                              | (10,420)                   | (479,269)                      |
| 594,869                              | (10,878)                   | (500,342)                      |
| 655,183                              | (11,981)                   | (551,071)                      |
| 685,129                              | (12,529)                   | (576,258)                      |
| 700,650                              | (12,812)                   | (589,313)                      |
| 2,765,821                            | (50,577)                   | (2,326,319)                    |
| 4,227,434                            | (77,304)                   | (3,555,674)                    |
| 279,636                              | (5,114)                    | (235,200)                      |
| 63,688                               | (1,165)                    | (53,567)                       |
| 7,944,184                            | (145,270)                  | (6,681,816)                    |
| 10,676,010                           | (195,225)                  | (8,979,541)                    |
| 1,367,052                            | (24,998)                   | (1,149,821)                    |
| 734,307                              | (13,428)                   | (617,622)                      |
| 999,097                              | (18,270)                   | (840,335)                      |
| 782,727                              | (14,313)                   | (658,348)                      |
| 2,706,857                            | (49,499)                   | (2,276,724)                    |
| 1,983,600                            | (36,273)                   | (1,668,396)                    |
| 260,065                              | (4,756)                    | (218,740)                      |
| 70,520                               | (1,290)                    | (59,314)                       |
| 933,469                              | (17,070)                   | (785,136)                      |
| 471,543                              | (8,623)                    | (396,612)                      |
| 4,849,296                            | (88,676)                   | (4,078,720)                    |
| 5,512,999                            | (100,813)                  | (4,636,957)                    |
| 1,123,773                            | (20,550)                   | (945,200)                      |
| 1,210,068                            | (22,128)                   | (1,017,782)                    |
| 46,395                               | (848)                      | (39,023)                       |
| 1,916,454                            | (35,045)                   | (1,611,920)                    |
| 2,383,694                            | (43,589)                   | (2,004,914)                    |
| 2,859,370                            | (52,287)                   | (2,405,002)                    |
| 2,077,993                            | (37,999)                   | (1,747,790)                    |
| 889,689                              | (16,269)                   | (748,313)                      |
| 466,903                              | (8,538)                    | (392,710)                      |
| 300,050                              | (5,487)                    | (252,370)                      |
| 105,865                              | (1,936)                    | (89,043)                       |
| 2,007,388                            | (36,708)                   | (1,688,404)                    |
| 4,735,249                            | (86,590)                   | (3,982,795)                    |
| 3,896,173                            | (71,247)                   | (3,277,053)                    |
| 1,376,246                            | (25,167)                   | (1,157,554)                    |
| 6,978,492                            | (127,611)                  | (5,869,577)                    |
| 6,840,319                            | (125,085)                  | (5,753,360)                    |

Indiana Public Retirement System

1977 Police Officers' and Firefighters' Retirement Fund  
 Schedule of Additional Pension Amounts by Employer  
 (UNAUDITED)  
 Year Ended June 30, 2017

| Submission Unit | Contributions Shown by INPRS | Amortization of Net Deferred Outflows/(Inflows) of Resources |           |          |             |             |             |             |
|-----------------|------------------------------|--------------------------------------------------------------|-----------|----------|-------------|-------------|-------------|-------------|
|                 |                              | 2018                                                         | 2019      | 2020     | 2021        | 2022        | Thereafter  | Total       |
| 7738100         | \$ 122,397                   | \$ 21,287                                                    | \$ 62,852 | \$ 4,382 | \$ (39,035) | \$ (28,931) | \$ (32,435) | \$ (11,880) |
| 7738200         | 147,880                      | 27,754                                                       | 78,014    | 7,312    | (45,187)    | (32,970)    | (38,478)    | (3,555)     |
| 7739100         | 3,151,882                    | 539,973                                                      | 1,609,732 | 104,864  | (1,012,561) | (752,523)   | (858,491)   | (369,006)   |
| 7739200         | 3,012,098                    | 537,102                                                      | 1,560,802 | 120,725  | (948,589)   | (699,747)   | (804,366)   | (234,073)   |
| 7740100         | 4,678,776                    | 768,612                                                      | 2,299,226 | 146,055  | (1,452,760) | (1,080,696) | (1,178,540) | (498,103)   |
| 7740200         | 3,791,061                    | 630,715                                                      | 1,871,383 | 126,090  | (1,169,859) | (868,276)   | (956,211)   | (366,158)   |
| 7741100         | 266,475                      | 50,175                                                       | 140,810   | 13,310   | (81,363)    | (59,332)    | (68,609)    | (5,009)     |
| 7741200         | 306,138                      | 57,640                                                       | 161,751   | 15,295   | (93,455)    | (68,147)    | (77,920)    | (4,836)     |
| 7742100         | 517,858                      | 97,903                                                       | 274,178   | 26,206   | (157,922)   | (115,073)   | (132,584)   | (7,292)     |
| 7742200         | 530,530                      | 90,672                                                       | 271,091   | 17,289   | (171,170)   | (127,313)   | (142,264)   | (61,695)    |
| 7743100         | 94,535                       | 17,654                                                       | 49,822    | 4,571    | (29,030)    | (21,210)    | (25,040)    | (3,233)     |
| 7744100         | 1,701,342                    | 284,474                                                      | 862,962   | 49,182   | (555,082)   | (414,463)   | (475,959)   | (248,886)   |
| 7744200         | 1,675,076                    | 293,952                                                      | 862,551   | 62,682   | (531,253)   | (393,037)   | (465,637)   | (170,742)   |
| 7745100         | 79,112                       | 13,853                                                       | 40,692    | 2,937    | (25,097)    | (18,574)    | (21,257)    | (7,446)     |
| 7746100         | 577,120                      | 106,724                                                      | 302,448   | 27,116   | (177,329)   | (129,752)   | (145,446)   | (16,239)    |
| 7746200         | 524,354                      | 96,087                                                       | 273,847   | 23,785   | (161,896)   | (118,685)   | (133,041)   | (19,903)    |
| 7747100         | 128,699                      | 22,169                                                       | 66,018    | 4,334    | (41,470)    | (30,811)    | (35,666)    | (15,426)    |
| 7747200         | 138,524                      | 23,198                                                       | 70,367    | 4,012    | (45,260)    | (33,794)    | (37,517)    | (18,994)    |
| 7748100         | 85,049                       | 13,956                                                       | 42,865    | 2,198    | (27,998)    | (20,971)    | (23,102)    | (13,052)    |
| 7748200         | 9,033                        | 1,558                                                        | 4,627     | 310      | (2,896)     | (2,150)     | (2,433)     | (984)       |
| 7749100         | 385,544                      | 67,255                                                       | 198,486   | 13,879   | (123,199)   | (91,300)    | (101,908)   | (36,787)    |
| 7749200         | 437,866                      | 78,120                                                       | 227,325   | 17,433   | (138,421)   | (102,152)   | (113,799)   | (31,494)    |
| 7750100         | 169,382                      | 28,131                                                       | 84,667    | 5,135    | (53,920)    | (40,177)    | (44,947)    | (21,111)    |
| 7750200         | 250,947                      | 41,460                                                       | 125,259   | 7,375    | (80,159)    | (59,789)    | (67,477)    | (33,331)    |
| 7751100         | 662,688                      | 113,938                                                      | 338,658   | 22,536   | (212,197)   | (157,572)   | (176,191)   | (70,828)    |
| 7751200         | 463,118                      | 92,592                                                       | 249,847   | 28,631   | (135,631)   | (97,405)    | (112,300)   | 25,734      |
| 7752100         | 405,821                      | 84,909                                                       | 222,908   | 28,780   | (115,369)   | (81,824)    | (94,421)    | 44,983      |
| 7753100         | 2,465,238                    | 413,671                                                      | 1,250,271 | 73,396   | (800,481)   | (597,119)   | (672,938)   | (333,200)   |
| 7753200         | 1,824,559                    | 298,219                                                      | 917,764   | 46,227   | (600,923)   | (450,323)   | (500,621)   | (289,657)   |
| 7754100         | 83,694                       | 13,764                                                       | 42,155    | 2,216    | (27,440)    | (20,539)    | (23,653)    | (13,497)    |
| 7754200         | 44,259                       | 6,912                                                        | 21,935    | 801      | (14,891)    | (11,239)    | (12,336)    | (8,818)     |
| 7755100         | 488,834                      | 90,847                                                       | 257,248   | 23,166   | (150,649)   | (110,200)   | (128,006)   | (17,594)    |
| 7756100         | 823,814                      | 168,927                                                      | 449,614   | 54,761   | (238,433)   | (170,203)   | (197,608)   | 67,058      |
| 7756200         | 628,734                      | 124,310                                                      | 338,080   | 37,362   | (185,934)   | (133,970)   | (150,250)   | 29,598      |
| 7757100         | 103,946                      | 19,778                                                       | 55,199    | 5,371    | (31,628)    | (23,018)    | (27,107)    | (1,405)     |
| 7758100         | 300,183                      | 53,288                                                       | 155,405   | 11,753   | (94,915)    | (70,092)    | (79,155)    | (23,716)    |
| 7758200         | 327,362                      | 52,395                                                       | 163,704   | 7,121    | (109,148)   | (82,091)    | (90,363)    | (58,382)    |
| 7759100         | 18,179,213                   | 3,232,001                                                    | 9,414,900 | 717,188  | (5,741,209) | (4,238,257) | (4,677,338) | (1,292,715) |
| 7759200         | 15,715,096                   | 2,830,030                                                    | 8,377,647 | 573,613  | (5,221,193) | (3,872,672) | (4,511,498) | (1,824,073) |
| 7760100         | 37,667                       | 6,485                                                        | 19,284    | 1,279    | (12,091)    | (8,979)     | (10,055)    | (4,077)     |
| 7761100         | 207,360                      | 35,715                                                       | 106,080   | 7,095    | (66,406)    | (49,301)    | (54,037)    | (20,854)    |
| 7762100         | 891,628                      | 160,470                                                      | 475,968   | 32,145   | (297,411)   | (220,720)   | (251,894)   | (101,442)   |
| 7762200         | 944,600                      | 166,456                                                      | 486,474   | 36,294   | (297,983)   | (220,193)   | (240,906)   | (69,858)    |
| 7763100         | 135,267                      | 25,253                                                       | 71,234    | 6,551    | (41,479)    | (30,302)    | (35,614)    | (4,357)     |
| 7763200         | 81,771                       | 15,507                                                       | 43,309    | 4,199    | (24,841)    | (18,083)    | (21,760)    | (1,669)     |
| 7764100         | 57,685                       | 10,564                                                       | 30,183    | 2,584    | (17,909)    | (13,140)    | (15,179)    | (2,897)     |
| 7765100         | 974,311                      | 166,500                                                      | 496,985   | 32,079   | (313,132)   | (232,797)   | (274,733)   | (125,098)   |
| 7765200         | 920,742                      | 138,994                                                      | 451,536   | 11,872   | (314,596)   | (238,623)   | (263,335)   | (214,152)   |
| 7766100         | 1,564,803                    | 276,407                                                      | 809,780   | 59,465   | (497,674)   | (368,021)   | (410,710)   | (130,753)   |
| 7766200         | 1,550,332                    | 270,801                                                      | 797,554   | 56,551   | (493,672)   | (365,629)   | (407,899)   | (142,294)   |
| 7767100         | 390,370                      | 68,648                                                       | 201,355   | 14,672   | (123,948)   | (91,690)    | (103,252)   | (34,215)    |
| 7767200         | 405,002                      | 72,774                                                       | 210,461   | 16,772   | (127,050)   | (93,581)    | (104,817)   | (25,441)    |
| 7768100         | 676,717                      | 121,169                                                      | 351,479   | 27,494   | (213,078)   | (157,094)   | (172,074)   | (42,104)    |
| 7768200         | 932,924                      | 150,360                                                      | 467,815   | 21,239   | (310,362)   | (233,194)   | (253,819)   | (157,961)   |
| 7769100         | 225,690                      | 40,513                                                       | 120,055   | 8,160    | (74,926)    | (55,591)    | (63,315)    | (25,104)    |
| 7769200         | 84,469                       | 16,866                                                       | 46,707    | 4,728    | (26,443)    | (19,189)    | (21,991)    | 678         |
| 7770100         | 330,092                      | 62,052                                                       | 174,361   | 16,372   | (100,941)   | (73,640)    | (83,053)    | (4,849)     |
| 7770200         | 307,946                      | 59,404                                                       | 164,340   | 16,723   | (92,888)    | (67,381)    | (76,927)    | 3,271       |
| 7771100         | 83,120                       | 14,780                                                       | 41,967    | 3,722    | (24,676)    | (18,067)    | (20,994)    | (3,268)     |
| 7771200         | 26,662                       | 4,627                                                        | 13,348    | 1,080    | (8,029)     | (5,909)     | (6,674)     | (1,557)     |
| 7772100         | 67,880                       | 8,363                                                        | 31,379    | (999)    | (25,040)    | (19,446)    | (20,526)    | (26,269)    |

| <b>Net Pension Liability (Asset)</b> |                            |                                |
|--------------------------------------|----------------------------|--------------------------------|
| <b>Discount Rate Sensitivity</b>     |                            |                                |
| <b>1% Decrease<br/>(5.75%)</b>       | <b>Current<br/>(6.75%)</b> | <b>1% Increase<br/>(7.75%)</b> |
| \$ 684,285                           | \$ (12,513)                | \$ (575,549)                   |
| 827,435                              | (15,131)                   | (695,952)                      |
| 17,611,735                           | (322,055)                  | (14,813,146)                   |
| 16,853,471                           | (308,189)                  | (14,175,374)                   |
| 25,198,930                           | (460,797)                  | (21,194,701)                   |
| 20,425,469                           | (373,507)                  | (17,179,765)                   |
| 1,492,150                            | (27,286)                   | (1,255,040)                    |
| 1,714,002                            | (31,343)                   | (1,441,639)                    |
| 2,902,053                            | (53,068)                   | (2,440,903)                    |
| 2,970,296                            | (54,316)                   | (2,498,302)                    |
| 529,579                              | (9,684)                    | (445,426)                      |
| 9,523,810                            | (174,156)                  | (8,010,431)                    |
| 9,361,005                            | (171,179)                  | (7,873,497)                    |
| 441,850                              | (8,080)                    | (371,638)                      |
| 3,222,264                            | (58,923)                   | (2,710,231)                    |
| 2,926,516                            | (53,515)                   | (2,461,479)                    |
| 721,907                              | (13,201)                   | (607,193)                      |
| 776,569                              | (14,201)                   | (653,169)                      |
| 475,929                              | (8,703)                    | (400,302)                      |
| 50,528                               | (924)                      | (42,499)                       |
| 2,160,492                            | (39,508)                   | (1,817,179)                    |
| 2,456,408                            | (44,919)                   | (2,066,073)                    |
| 930,769                              | (17,020)                   | (782,866)                      |
| 1,379,620                            | (25,228)                   | (1,160,392)                    |
| 3,699,627                            | (67,653)                   | (3,111,738)                    |
| 2,588,929                            | (47,342)                   | (2,177,536)                    |
| 2,271,924                            | (41,545)                   | (1,910,905)                    |
| 13,773,176                           | (251,861)                  | (11,584,553)                   |
| 10,199,744                           | (186,516)                  | (8,578,956)                    |
| 467,409                              | (8,547)                    | (393,136)                      |
| 247,328                              | (4,523)                    | (208,026)                      |
| 2,739,502                            | (50,096)                   | (2,304,182)                    |
| 4,621,033                            | (84,502)                   | (3,886,729)                    |
| 3,519,361                            | (64,356)                   | (2,960,118)                    |
| 583,144                              | (10,664)                   | (490,479)                      |
| 1,681,188                            | (30,743)                   | (1,414,040)                    |
| 1,832,521                            | (33,510)                   | (1,541,324)                    |
| 101,790,837                          | (1,861,374)                | (85,615,809)                   |
| 91,331,971                           | (1,670,129)                | (76,818,888)                   |
| 210,718                              | (3,853)                    | (177,234)                      |
| 1,158,443                            | (21,184)                   | (974,361)                      |
| 5,194,138                            | (94,982)                   | (4,368,765)                    |
| 5,268,539                            | (96,342)                   | (4,431,343)                    |
| 756,999                              | (13,843)                   | (636,708)                      |
| 457,708                              | (8,370)                    | (384,976)                      |
| 322,994                              | (5,906)                    | (271,669)                      |
| 5,440,876                            | (99,494)                   | (4,576,295)                    |
| 5,145,466                            | (94,092)                   | (4,327,827)                    |
| 8,781,067                            | (160,574)                  | (7,385,714)                    |
| 8,672,081                            | (158,581)                  | (7,294,046)                    |
| 2,184,786                            | (39,952)                   | (1,837,613)                    |
| 2,266,778                            | (41,451)                   | (1,906,577)                    |
| 3,791,658                            | (69,336)                   | (3,189,145)                    |
| 5,226,362                            | (95,571)                   | (4,395,868)                    |
| 1,309,522                            | (23,946)                   | (1,101,433)                    |
| 491,282                              | (8,984)                    | (413,215)                      |
| 1,848,970                            | (33,811)                   | (1,555,160)                    |
| 1,727,583                            | (31,591)                   | (1,453,062)                    |
| 447,586                              | (8,185)                    | (376,462)                      |
| 143,572                              | (2,625)                    | (120,757)                      |
| 378,921                              | (6,929)                    | (318,709)                      |

Indiana Public Retirement System

1977 Police Officers' and Firefighters' Retirement Fund  
 Schedule of Additional Pension Amounts by Employer  
 (UNAUDITED)  
 Year Ended June 30, 2017

| Submission Unit | Contributions Shown by INPRS | Amortization of Net Deferred Outflows/(Inflows) of Resources |           |        |             |             |             |             |
|-----------------|------------------------------|--------------------------------------------------------------|-----------|--------|-------------|-------------|-------------|-------------|
|                 |                              | 2018                                                         | 2019      | 2020   | 2021        | 2022        | Thereafter  | Total       |
| 7772200         | \$ 57,516                    | \$ 8,891                                                     | \$ 28,443 | \$ 938 | \$ (19,486) | \$ (14,733) | \$ (16,371) | \$ (12,318) |
| 7773100         | 321,870                      | 58,905                                                       | 162,755   | 16,666 | (91,811)    | (66,567)    | (82,013)    | (2,065)     |
| 7773200         | 262,742                      | 52,359                                                       | 145,786   | 14,358 | (83,232)    | (60,522)    | (71,570)    | (2,821)     |
| 7774100         | 21,891                       | 4,806                                                        | 12,256    | 1,776  | (6,006)     | (4,195)     | (5,352)     | 3,285       |
| 7775100         | 197,366                      | 38,320                                                       | 105,477   | 11,004 | (59,146)    | (42,821)    | (48,146)    | 4,688       |
| 7776100         | 257,940                      | 50,285                                                       | 137,948   | 14,629 | (76,940)    | (55,631)    | (66,375)    | 3,916       |
| 7777100         | 544,299                      | 88,000                                                       | 272,621   | 12,908 | (179,939)   | (135,061)   | (151,559)   | (93,030)    |
| 7777200         | 501,058                      | 79,201                                                       | 249,281   | 10,024 | (167,634)   | (126,291)   | (139,407)   | (94,826)    |
| 7781100         | 223,963                      | 41,459                                                       | 117,583   | 10,496 | (69,020)    | (50,516)    | (59,236)    | (9,234)     |
| 7781200         | 176,856                      | 31,756                                                       | 91,868    | 7,306  | (55,485)    | (40,873)    | (45,820)    | (11,248)    |
| 7782100         | 660,383                      | 131,117                                                      | 355,904   | 39,688 | (195,114)   | (140,473)   | (163,451)   | 27,671      |
| 7782200         | 132,777                      | 29,590                                                       | 74,767    | 11,215 | (35,975)    | (24,993)    | (34,383)    | 20,221      |
| 7783100         | 807,194                      | 130,036                                                      | 404,856   | 18,256 | (268,810)   | (202,006)   | (230,697)   | (148,365)   |
| 7783200         | 700,057                      | 110,034                                                      | 348,199   | 13,164 | (235,613)   | (177,719)   | (198,677)   | (140,612)   |
| 7784100         | 1,099,360                    | 192,284                                                      | 565,041   | 40,670 | (348,696)   | (258,086)   | (293,191)   | (101,978)   |
| 7784200         | 1,116,201                    | 199,493                                                      | 578,168   | 45,472 | (350,076)   | (258,027)   | (297,513)   | (82,483)    |
| 7785100         | 54,865                       | 8,612                                                        | 27,160    | 1,067  | (18,307)    | (13,799)    | (13,810)    | (9,077)     |
| 7786100         | 98,198                       | 17,155                                                       | 49,266    | 4,095  | (29,447)    | (21,642)    | (25,320)    | (5,893)     |
| 7786200         | 192,107                      | 31,737                                                       | 94,447    | 6,230  | (59,274)    | (44,030)    | (48,784)    | (19,674)    |
| 7787100         | 29,174                       | 4,576                                                        | 14,546    | 520    | (9,895)     | (7,471)     | (8,713)     | (6,437)     |
| 7788100         | 112,607                      | 17,549                                                       | 55,957    | 1,927  | (38,192)    | (28,856)    | (30,063)    | (21,678)    |
| 7788200         | 59,456                       | 9,938                                                        | 30,157    | 1,715  | (19,405)    | (14,490)    | (16,283)    | (8,368)     |
| 7789100         | 915,948                      | 161,364                                                      | 472,579   | 34,781 | (290,301)   | (214,650)   | (245,594)   | (81,821)    |
| 7789200         | 1,012,608                    | 174,254                                                      | 517,754   | 34,540 | (324,265)   | (240,767)   | (270,609)   | (109,093)   |
| 7790100         | 498,577                      | 93,456                                                       | 263,259   | 24,391 | (152,978)   | (111,702)   | (132,314)   | (15,888)    |
| 7791100         | 153,077                      | 26,922                                                       | 76,910    | 6,590  | (45,625)    | (33,474)    | (36,439)    | (5,116)     |
| 7792100         | 797,118                      | 149,484                                                      | 420,651   | 39,190 | (244,060)   | (178,144)   | (194,830)   | (7,709)     |
| 7792200         | 809,561                      | 134,550                                                      | 409,811   | 22,591 | (264,935)   | (198,024)   | (219,233)   | (115,240)   |
| 7793100         | 257,735                      | 44,108                                                       | 128,323   | 9,855  | (78,112)    | (57,641)    | (65,619)    | (19,086)    |
| 7793200         | 248,924                      | 42,973                                                       | 124,247   | 9,916  | (74,979)    | (55,223)    | (61,758)    | (14,824)    |
| 7794100         | 182,107                      | 33,067                                                       | 95,086    | 7,842  | (56,940)    | (41,864)    | (47,101)    | (9,910)     |
| 7795100         | 943,919                      | 169,981                                                      | 466,162   | 49,513 | (259,866)   | (187,870)   | (211,100)   | 26,820      |
| 7795200         | 1,516,917                    | 261,233                                                      | 737,639   | 67,461 | (430,173)   | (314,368)   | (341,913)   | (20,121)    |
| 7796100         | 157,236                      | 22,925                                                       | 74,639    | 1,890  | (52,129)    | (39,558)    | (44,273)    | (36,506)    |
| 7796200         | 25,063                       | 4,994                                                        | 13,433    | 1,562  | (7,253)     | (5,202)     | (5,083)     | 2,451       |
| 7797100         | 26,875                       | 5,111                                                        | 14,237    | 1,400  | (8,132)     | (5,914)     | (7,429)     | (727)       |
| 7798100         | 215,579                      | 35,997                                                       | 106,449   | 7,342  | (66,250)    | (49,124)    | (55,422)    | (21,008)    |
| 7798200         | 234,297                      | 40,292                                                       | 116,852   | 9,152  | (70,819)    | (52,209)    | (58,292)    | (15,024)    |
| 7799100         | 23,939                       | 3,205                                                        | 11,342    | (104)  | (8,603)     | (6,626)     | (6,293)     | (7,079)     |
| 7800100         | 500,812                      | 92,282                                                       | 262,899   | 22,885 | (155,335)   | (113,861)   | (130,370)   | (21,500)    |
| 7800200         | 706,170                      | 128,431                                                      | 368,886   | 30,629 | (220,540)   | (162,090)   | (188,585)   | (43,269)    |
| 7801100         | 224,196                      | 41,683                                                       | 121,051   | 9,401  | (73,503)    | (54,210)    | (62,945)    | (18,523)    |
| 7801200         | 107,808                      | 18,488                                                       | 56,456    | 3,046  | (36,613)    | (27,384)    | (31,047)    | (17,054)    |
| 7802100         | 636,058                      | 110,897                                                      | 327,132   | 22,947 | (202,923)   | (150,360)   | (176,750)   | (69,057)    |
| 7802200         | 602,307                      | 100,199                                                      | 304,967   | 16,913 | (196,979)   | (147,204)   | (172,215)   | (94,319)    |
| 7803100         | 90,799                       | 15,467                                                       | 46,323    | 2,917  | (29,313)    | (21,813)    | (24,135)    | (10,554)    |
| 7803200         | 63,201                       | 10,814                                                       | 32,329    | 2,064  | (20,410)    | (15,180)    | (16,898)    | (7,281)     |
| 7804100         | 154,877                      | 25,346                                                       | 77,890    | 3,974  | (50,912)    | (38,139)    | (40,460)    | (22,301)    |
| 7804200         | 92,901                       | 13,629                                                       | 45,233    | 775    | (32,237)    | (24,555)    | (28,146)    | (25,301)    |
| 7805100         | 104,910                      | 20,667                                                       | 56,329    | 6,162  | (31,088)    | (22,420)    | (27,042)    | 2,608       |
| 7806100         | 592,647                      | 101,851                                                      | 303,493   | 19,836 | (190,791)   | (141,776)   | (164,560)   | (71,947)    |
| 7806200         | 703,137                      | 123,885                                                      | 362,905   | 26,667 | (223,004)   | (164,903)   | (188,924)   | (63,374)    |
| 7807100         | 66,649                       | 11,974                                                       | 34,611    | 2,766  | (20,879)    | (15,377)    | (17,960)    | (4,865)     |
| 7808100         | 98,183                       | 17,570                                                       | 50,931    | 4,001  | (30,847)    | (22,738)    | (26,906)    | (7,989)     |
| 7808200         | 70,307                       | 11,402                                                       | 35,340    | 1,665  | (23,340)    | (17,521)    | (19,719)    | (12,173)    |
| 7810100         | 102,029                      | 17,590                                                       | 52,212    | 3,509  | (32,656)    | (24,240)    | (26,480)    | (10,065)    |
| 7810200         | 124,823                      | 22,228                                                       | 64,617    | 4,987  | (39,291)    | (28,987)    | (32,561)    | (9,007)     |
| 7811100         | 97,765                       | 16,547                                                       | 49,764    | 3,036  | (31,662)    | (23,587)    | (25,811)    | (11,713)    |
| 7811200         | 60,163                       | 10,552                                                       | 30,996    | 2,236  | (19,118)    | (14,149)    | (16,357)    | (5,840)     |
| 7812100         | 559,263                      | 97,871                                                       | 288,384   | 20,382 | (178,620)   | (132,310)   | (148,817)   | (53,110)    |
| 7812200         | 173,730                      | 30,108                                                       | 89,385    | 5,998  | (55,921)    | (41,512)    | (47,107)    | (19,049)    |



| <b>Net Pension Liability (Asset)</b> |                            |                                |
|--------------------------------------|----------------------------|--------------------------------|
| <b>Discount Rate Sensitivity</b>     |                            |                                |
| <b>1% Decrease<br/>(5.75%)</b>       | <b>Current<br/>(6.75%)</b> | <b>1% Increase<br/>(7.75%)</b> |
| \$ 321,897                           | \$ (5,886)                 | \$ (270,746)                   |
| 1,709,700                            | (31,264)                   | (1,438,021)                    |
| 1,538,123                            | (28,127)                   | (1,293,708)                    |
| 122,652                              | (2,243)                    | (103,162)                      |
| 1,105,637                            | (20,218)                   | (929,946)                      |
| 1,443,224                            | (26,391)                   | (1,213,889)                    |
| 3,039,467                            | (55,581)                   | (2,556,481)                    |
| 2,800,069                            | (51,203)                   | (2,355,124)                    |
| 1,253,257                            | (22,918)                   | (1,054,109)                    |
| 989,649                              | (18,097)                   | (832,389)                      |
| 3,700,723                            | (67,673)                   | (3,112,661)                    |
| 743,755                              | (13,601)                   | (625,569)                      |
| 4,524,447                            | (82,736)                   | (3,805,491)                    |
| 3,920,973                            | (71,700)                   | (3,297,912)                    |
| 6,136,801                            | (112,220)                  | (5,161,635)                    |
| 6,234,231                            | (114,001)                  | (5,243,582)                    |
| 305,364                              | (5,584)                    | (256,840)                      |
| 528,651                              | (9,667)                    | (444,646)                      |
| 1,032,417                            | (18,879)                   | (868,361)                      |
| 164,154                              | (3,002)                    | (138,069)                      |
| 632,323                              | (11,563)                   | (531,843)                      |
| 332,863                              | (6,087)                    | (279,970)                      |
| 5,123,618                            | (93,692)                   | (4,309,451)                    |
| 5,655,136                            | (103,412)                  | (4,756,508)                    |
| 2,795,513                            | (51,120)                   | (2,351,293)                    |
| 822,964                              | (15,049)                   | (692,191)                      |
| 4,464,302                            | (81,636)                   | (3,754,903)                    |
| 4,531,701                            | (82,868)                   | (3,811,592)                    |
| 1,386,453                            | (25,353)                   | (1,166,139)                    |
| 1,338,034                            | (24,468)                   | (1,125,414)                    |
| 1,021,029                            | (18,671)                   | (858,782)                      |
| 4,876,121                            | (89,167)                   | (4,101,282)                    |
| 7,843,212                            | (143,424)                  | (6,596,888)                    |
| 851,392                              | (15,569)                   | (716,101)                      |
| 138,932                              | (2,541)                    | (116,855)                      |
| 150,236                              | (2,747)                    | (126,362)                      |
| 1,159,877                            | (21,210)                   | (975,567)                      |
| 1,260,427                            | (23,049)                   | (1,060,139)                    |
| 133,955                              | (2,450)                    | (112,669)                      |
| 2,808,926                            | (51,365)                   | (2,362,574)                    |
| 3,958,680                            | (72,390)                   | (3,329,627)                    |
| 1,306,654                            | (23,894)                   | (1,099,020)                    |
| 625,068                              | (11,430)                   | (525,742)                      |
| 3,559,935                            | (65,098)                   | (2,994,245)                    |
| 3,371,150                            | (61,646)                   | (2,835,458)                    |
| 507,984                              | (9,289)                    | (427,263)                      |
| 354,205                              | (6,477)                    | (297,920)                      |
| 865,057                              | (15,819)                   | (727,595)                      |
| 520,300                              | (9,514)                    | (437,621)                      |
| 587,108                              | (10,736)                   | (493,814)                      |
| 3,319,693                            | (60,705)                   | (2,792,178)                    |
| 3,935,061                            | (71,958)                   | (3,309,761)                    |
| 372,679                              | (6,815)                    | (313,458)                      |
| 549,233                              | (10,043)                   | (461,957)                      |
| 394,105                              | (7,207)                    | (331,480)                      |
| 569,984                              | (10,423)                   | (479,411)                      |
| 697,866                              | (12,761)                   | (586,972)                      |
| 546,871                              | (10,000)                   | (459,971)                      |
| 336,575                              | (6,155)                    | (283,092)                      |
| 3,136,475                            | (57,355)                   | (2,638,074)                    |
| 975,899                              | (17,846)                   | (820,824)                      |

Indiana Public Retirement System

1977 Police Officers' and Firefighters' Retirement Fund  
 Schedule of Additional Pension Amounts by Employer  
 (UNAUDITED)  
 Year Ended June 30, 2017

| Submission Unit | Contributions Shown by INPRS | Amortization of Net Deferred Outflows/(Inflows) of Resources |           |          |             |             |             |             |
|-----------------|------------------------------|--------------------------------------------------------------|-----------|----------|-------------|-------------|-------------|-------------|
|                 |                              | 2018                                                         | 2019      | 2020     | 2021        | 2022        | Thereafter  | Total       |
| 7813100         | \$ 128,691                   | \$ 22,694                                                    | \$ 66,446 | \$ 4,898 | \$ (40,804) | \$ (30,168) | \$ (34,687) | \$ (11,621) |
| 7813200         | 11,912                       | 1,451                                                        | 5,740     | (293)    | (4,773)     | (3,730)     | (5,517)     | (7,122)     |
| 7814100         | 145,662                      | 25,450                                                       | 74,829    | 5,367    | (46,212)    | (34,209)    | (39,058)    | (13,833)    |
| 7815100         | 430,908                      | 72,754                                                       | 219,346   | 13,130   | (139,994)   | (104,361)   | (116,668)   | (55,793)    |
| 7815200         | 400,857                      | 67,885                                                       | 204,209   | 12,437   | (129,962)   | (96,824)    | (112,339)   | (54,594)    |
| 7816100         | 460,506                      | 75,024                                                       | 237,474   | 8,949    | (160,740)   | (121,251)   | (135,797)   | (96,341)    |
| 7816200         | 662,150                      | 115,169                                                      | 340,453   | 23,538   | (211,784)   | (157,021)   | (178,338)   | (67,983)    |
| 7817100         | 2,600,280                    | 443,046                                                      | 1,325,847 | 83,979   | (838,158)   | (623,565)   | (701,086)   | (309,937)   |
| 7817200         | 2,677,560                    | 479,533                                                      | 1,389,521 | 109,408  | (841,127)   | (619,926)   | (705,024)   | (187,615)   |
| 7819100         | 399,152                      | 66,226                                                       | 201,869   | 11,056   | (130,631)   | (97,659)    | (114,511)   | (63,650)    |
| 7819200         | 405,378                      | 65,565                                                       | 203,406   | 9,500    | (134,482)   | (100,976)   | (119,045)   | (76,032)    |
| 7820100         | 28,512                       | 5,988                                                        | 15,666    | 2,051    | (8,059)     | (5,707)     | (7,326)     | 2,613       |
| 7820200         | 25,818                       | 4,508                                                        | 13,224    | 964      | (8,140)     | (6,022)     | (6,674)     | (2,140)     |
| 7821100         | 98,352                       | 15,605                                                       | 49,135    | 1,967    | (33,057)    | (24,906)    | (27,932)    | (19,188)    |
| 7822100         | 1,303,104                    | 216,760                                                      | 660,338   | 36,340   | (427,003)   | (319,177)   | (366,740)   | (199,482)   |
| 7822200         | 1,568,562                    | 269,542                                                      | 804,447   | 51,977   | (506,762)   | (376,737)   | (432,336)   | (189,869)   |
| 7823100         | 96,325                       | 17,324                                                       | 50,127    | 3,982    | (30,282)    | (22,309)    | (26,277)    | (7,435)     |
| 7823200         | 104,463                      | 17,455                                                       | 52,989    | 3,002    | (34,115)    | (25,477)    | (28,646)    | (14,792)    |
| 7824100         | 51,263                       | 8,194                                                        | 24,980    | 1,367    | (16,167)    | (12,086)    | (13,428)    | (7,140)     |
| 7824200         | 47,398                       | 7,524                                                        | 23,050    | 1,210    | (15,007)    | (11,233)    | (12,728)    | (7,184)     |
| 7825100         | 640,473                      | 116,080                                                      | 334,303   | 27,321   | (200,625)   | (147,579)   | (163,173)   | (33,673)    |
| 7825200         | 748,420                      | 133,227                                                      | 388,705   | 29,314   | (237,547)   | (175,445)   | (196,644)   | (58,390)    |
| 7826100         | 277,578                      | 53,394                                                       | 147,893   | 14,958   | (83,751)    | (60,780)    | (72,575)    | (861)       |
| 7826200         | 288,152                      | 52,527                                                       | 150,381   | 12,726   | (89,489)    | (65,702)    | (76,641)    | (16,198)    |
| 7827100         | 245,059                      | 44,290                                                       | 127,814   | 10,319   | (76,926)    | (56,623)    | (65,746)    | (16,872)    |
| 7827200         | 314,634                      | 56,768                                                       | 163,743   | 13,258   | (98,484)    | (72,480)    | (84,474)    | (21,669)    |
| 7828100         | 386,047                      | 71,360                                                       | 202,607   | 17,978   | (119,117)   | (87,213)    | (103,096)   | (17,481)    |
| 7828200         | 342,330                      | 58,200                                                       | 174,659   | 10,832   | (110,816)   | (82,507)    | (90,778)    | (40,410)    |
| 7829100         | 151,614                      | 29,206                                                       | 80,865    | 8,195    | (45,765)    | (33,208)    | (38,088)    | 1,205       |
| 7829200         | 130,316                      | 23,252                                                       | 67,522    | 5,246    | (40,996)    | (30,235)    | (34,171)    | (9,382)     |
| 7830100         | 493,742                      | 84,225                                                       | 252,193   | 15,906   | (159,547)   | (118,717)   | (134,967)   | (60,907)    |
| 7830200         | 498,743                      | 95,456                                                       | 264,992   | 26,499   | (150,592)   | (109,381)   | (123,676)   | 3,298       |
| 7831100         | 186,893                      | 29,123                                                       | 90,153    | 4,300    | (59,449)    | (44,614)    | (47,756)    | (28,243)    |
| 7831200         | 177,691                      | 31,942                                                       | 90,184    | 8,253    | (52,585)    | (38,427)    | (42,160)    | (2,793)     |
| 7832100         | 77,074                       | 13,050                                                       | 39,325    | 2,363    | (25,083)    | (18,696)    | (20,593)    | (9,634)     |
| 7832200         | 61,027                       | 11,006                                                       | 31,829    | 2,536    | (19,215)    | (14,153)    | (15,444)    | (3,441)     |
| 7834100         | 216,826                      | 40,104                                                       | 111,258   | 11,163   | (63,162)    | (45,865)    | (54,296)    | (798)       |
| 7835100         | 76,279                       | 12,899                                                       | 38,831    | 2,352    | (24,735)    | (18,432)    | (20,791)    | (9,876)     |
| 7835200         | 68,843                       | 10,172                                                       | 33,536    | 669      | (23,737)    | (18,057)    | (20,939)    | (18,356)    |
| 7836200         | 1,769,730                    | 304,387                                                      | 906,229   | 59,595   | (569,064)   | (422,767)   | (473,613)   | (195,233)   |
| 7837200         | 49,136                       | 5,234                                                        | 21,999    | (1,585)  | (19,098)    | (15,022)    | (14,871)    | (23,343)    |
| 7839100         | 2,234                        | (312)                                                        | 405       | (604)    | (1,353)     | (1,179)     | (1,399)     | (4,442)     |
| 7840100         | 48,039                       | 8,242                                                        | 24,356    | 1,688    | (15,145)    | (11,227)    | (13,072)    | (5,158)     |
| 7841200         | 92,901                       | 15,503                                                       | 47,107    | 2,649    | (30,363)    | (22,681)    | (25,246)    | (13,031)    |
| 7843200         | 143,655                      | 27,630                                                       | 78,484    | 6,946    | (46,173)    | (33,812)    | (40,537)    | (7,462)     |
| 7844200         | 117,208                      | 20,129                                                       | 59,977    | 3,921    | (37,702)    | (28,016)    | (30,561)    | (12,252)    |
| 7845100         | 127,229                      | 23,064                                                       | 66,427    | 5,427    | (39,868)    | (29,327)    | (33,803)    | (8,080)     |
| 7846100         | 176,573                      | 35,778                                                       | 95,696    | 11,407   | (51,180)    | (36,615)    | (45,584)    | 9,502       |
| 7846200         | 118,079                      | 27,857                                                       | 68,027    | 11,518   | (30,443)    | (20,678)    | (29,791)    | 26,490      |
| 7847200         | 73,465                       | 13,000                                                       | 37,999    | 2,832    | (23,281)    | (17,204)    | (19,638)    | (6,292)     |
| 7849200         | 172,933                      | 32,454                                                       | 91,450    | 8,459    | (53,166)    | (38,825)    | (40,734)    | (362)       |
| 7850100         | 1,350,359                    | 263,048                                                      | 719,974   | 77,200   | (400,086)   | (289,015)   | (337,828)   | 33,293      |
| 7850200         | 1,601,903                    | 310,233                                                      | 852,634   | 89,619   | (476,950)   | (345,103)   | (396,628)   | 33,805      |
| 7851200         | 482,823                      | 91,671                                                       | 255,818   | 24,907   | (146,553)   | (106,652)   | (123,233)   | (4,042)     |
| 7852200         | 1,740,645                    | 302,673                                                      | 894,610   | 61,910   | (556,404)   | (412,515)   | (457,229)   | (166,955)   |
| 7853100         | 44,171                       | 7,690                                                        | 22,734    | 1,572    | (14,142)    | (10,485)    | (11,871)    | (4,502)     |
| 7854100         | 30,659                       | 5,114                                                        | 15,459    | 906      | (9,900)     | (7,385)     | (8,723)     | (4,529)     |
| 7855100         | 244,766                      | 48,337                                                       | 132,019   | 14,300   | (73,111)    | (52,769)    | (60,299)    | 8,477       |
| 7855200         | 716,033                      | 122,562                                                      | 367,080   | 23,107   | (232,306)   | (172,868)   | (197,089)   | (89,514)    |
| 7856200         | 326,066                      | 59,194                                                       | 170,329   | 13,991   | (102,096)   | (75,082)    | (84,240)    | (17,904)    |
| 7857100         | 89,593                       | 19,536                                                       | 50,002    | 7,144    | (24,680)    | (17,274)    | (23,015)    | 11,713      |

| <b>Net Pension Liability (Asset)</b> |                            |                                |
|--------------------------------------|----------------------------|--------------------------------|
| <b>Discount Rate Sensitivity</b>     |                            |                                |
| <b>1% Decrease<br/>(5.75%)</b>       | <b>Current<br/>(6.75%)</b> | <b>1% Increase<br/>(7.75%)</b> |
| \$ 720,304                           | \$ (13,172)                | \$ (605,845)                   |
| 70,605                               | (1,291)                    | (59,385)                       |
| 812,926                              | (14,865)                   | (683,748)                      |
| 2,413,387                            | (44,132)                   | (2,029,888)                    |
| 2,244,340                            | (41,041)                   | (1,887,704)                    |
| 2,674,464                            | (48,906)                   | (2,249,479)                    |
| 3,708,906                            | (67,822)                   | (3,119,543)                    |
| 14,533,802                           | (265,770)                  | (12,224,312)                   |
| 14,981,388                           | (273,955)                  | (12,600,774)                   |
| 2,233,121                            | (40,836)                   | (1,878,267)                    |
| 2,269,309                            | (41,497)                   | (1,908,705)                    |
| 159,346                              | (2,914)                    | (134,025)                      |
| 143,487                              | (2,624)                    | (120,686)                      |
| 552,017                              | (10,094)                   | (464,299)                      |
| 7,302,752                            | (133,541)                  | (6,142,310)                    |
| 8,806,289                            | (161,035)                  | (7,406,928)                    |
| 540,039                              | (9,875)                    | (454,224)                      |
| 585,000                              | (10,698)                   | (492,040)                      |
| 276,346                              | (5,053)                    | (232,433)                      |
| 255,595                              | (4,674)                    | (214,979)                      |
| 3,592,665                            | (65,697)                   | (3,021,773)                    |
| 4,206,008                            | (76,913)                   | (3,537,653)                    |
| 1,555,753                            | (28,449)                   | (1,308,536)                    |
| 1,611,005                            | (29,459)                   | (1,355,009)                    |
| 1,375,065                            | (25,145)                   | (1,156,561)                    |
| 1,761,157                            | (32,205)                   | (1,481,300)                    |
| 2,160,745                            | (39,512)                   | (1,817,392)                    |
| 1,917,297                            | (35,060)                   | (1,612,629)                    |
| 850,464                              | (15,552)                   | (715,321)                      |
| 728,824                              | (13,328)                   | (613,011)                      |
| 2,765,314                            | (50,568)                   | (2,325,893)                    |
| 2,791,127                            | (51,040)                   | (2,347,604)                    |
| 1,004,748                            | (18,373)                   | (845,089)                      |
| 958,859                              | (17,534)                   | (806,492)                      |
| 432,571                              | (7,910)                    | (363,833)                      |
| 342,817                              | (6,269)                    | (288,342)                      |
| 1,171,433                            | (21,421)                   | (985,287)                      |
| 426,919                              | (7,807)                    | (359,079)                      |
| 384,657                              | (7,034)                    | (323,533)                      |
| 9,908,298                            | (181,187)                  | (8,333,823)                    |
| 276,008                              | (5,047)                    | (232,149)                      |
| 11,810                               | (216)                      | (9,933)                        |
| 265,295                              | (4,851)                    | (223,139)                      |
| 520,300                              | (9,514)                    | (437,621)                      |
| 837,220                              | (15,310)                   | (704,182)                      |
| 656,026                              | (11,996)                   | (551,781)                      |
| 713,893                              | (13,055)                   | (600,452)                      |
| 986,443                              | (18,038)                   | (829,693)                      |
| 661,341                              | (12,094)                   | (556,250)                      |
| 411,566                              | (7,526)                    | (346,167)                      |
| 971,260                              | (17,761)                   | (816,922)                      |
| 7,522,495                            | (137,559)                  | (6,327,135)                    |
| 8,929,700                            | (163,292)                  | (7,510,728)                    |
| 2,702,386                            | (49,417)                   | (2,272,964)                    |
| 9,745,241                            | (178,205)                  | (8,196,676)                    |
| 247,665                              | (4,529)                    | (208,310)                      |
| 170,312                              | (3,114)                    | (143,249)                      |
| 1,377,680                            | (25,193)                   | (1,158,760)                    |
| 4,025,573                            | (73,613)                   | (3,385,890)                    |
| 1,829,653                            | (33,458)                   | (1,538,912)                    |
| 501,573                              | (9,172)                    | (421,871)                      |

Indiana Public Retirement System

1977 Police Officers' and Firefighters' Retirement Fund  
 Schedule of Additional Pension Amounts by Employer  
 (UNAUDITED)  
 Year Ended June 30, 2017

| Submission Unit | Contributions Shown by INPRS | Amortization of Net Deferred Outflows/(Inflows) of Resources |               |              |                 |                 |                 |                 |
|-----------------|------------------------------|--------------------------------------------------------------|---------------|--------------|-----------------|-----------------|-----------------|-----------------|
|                 |                              | 2018                                                         | 2019          | 2020         | 2021            | 2022            | Thereafter      | Total           |
| 7858100         | \$ 225,573                   | \$ 39,315                                                    | \$ 115,941    | \$ 8,148     | \$ (71,893)     | \$ (53,267)     | \$ (60,207)     | \$ (21,963)     |
| 7859100         | 56,354                       | 12,572                                                       | 32,525        | 4,457        | (16,384)        | (11,534)        | (12,269)        | 9,367           |
| 7859200         | 93,253                       | 14,165                                                       | 45,769        | 1,311        | (31,701)        | (24,019)        | (26,592)        | (21,067)        |
| 7860200         | 726,322                      | 119,896                                                      | 366,592       | 19,555       | (238,133)       | (178,166)       | (202,071)       | (112,327)       |
| 7861100         | 141,150                      | 5,950                                                        | 12,396        | 3,328        | (3,405)         | (1,838)         | (3,980)         | 12,451          |
| 7862200         | 265,763                      | 50,608                                                       | 141,110       | 13,797       | (80,737)        | (58,738)        | (68,319)        | (2,279)         |
| 7863100         | 3,786                        | 751                                                          | 2,119         | 195          | (1,234)         | (902)           | (940)           | (11)            |
| 7864100         | 188,441                      | 36,653                                                       | 100,849       | 10,542       | (56,514)        | (40,909)        | (45,954)        | 4,667           |
| 7864200         | 717,459                      | 143,419                                                      | 388,353       | 43,796       | (212,051)       | (152,512)       | (176,057)       | 34,948          |
| 7865100         | 106,213                      | 23,724                                                       | 60,077        | 8,938        | (29,036)        | (20,199)        | (22,188)        | 21,316          |
| 7865200         | 170,780                      | 34,960                                                       | 93,208        | 11,269       | (49,574)        | (35,415)        | (38,988)        | 15,460          |
| 7866100         | 29,747                       | 4,915                                                        | 15,029        | 801          | (9,764)         | (7,306)         | (8,287)         | (4,612)         |
| 7867100         | 112,972                      | 21,626                                                       | 56,499        | 7,442        | (28,984)        | (20,507)        | (24,111)        | 11,965          |
| 7867200         | 196,490                      | 39,206                                                       | 100,707       | 14,191       | (50,050)        | (35,101)        | (34,857)        | 34,096          |
| 7868200         | 14,581                       | 2,656                                                        | 7,611         | 641          | (4,535)         | (3,330)         | (3,553)         | (510)           |
| 7869100         | 61,404                       | 10,659                                                       | 31,584        | 2,148        | (19,710)        | (14,624)        | (15,569)        | (5,512)         |
| 7870100         | 61,524                       | 17,338                                                       | 37,428        | 9,166        | (11,819)        | (6,936)         | (6,169)         | 39,008          |
| 7871200         | 73,826                       | 21,042                                                       | 46,128        | 10,839       | (15,365)        | (9,267)         | (8,748)         | 44,629          |
| 7872200         | 63,908                       | 16,114                                                       | 37,834        | 7,280        | (15,407)        | (10,128)        | (10,588)        | 25,105          |
| 7873100         | 69,769                       | 13,534                                                       | 37,411        | 3,822        | (21,119)        | (15,315)        | (15,280)        | 3,053           |
| 7874100         | 47,395                       | 11,275                                                       | 27,440        | 4,699        | (12,186)        | (8,257)         | (8,601)         | 14,370          |
| 7875100         | 49,879                       | 7,832                                                        | 24,766        | 944          | (16,744)        | (12,628)        | (15,145)        | (10,975)        |
| 7876200         | 264,443                      | 71,378                                                       | 247,002       | (55)         | (183,504)       | (140,813)       | (192,128)       | (198,120)       |
| Total           | \$ 150,857,418               | \$ 26,493,158                                                | \$ 77,731,220 | \$ 5,652,772 | \$ (47,868,341) | \$ (35,413,331) | \$ (40,008,611) | \$ (13,413,133) |

See accompanying Notes to the Schedule.

| <b>Net Pension Liability (Asset)</b> |                            |                                |
|--------------------------------------|----------------------------|--------------------------------|
| <b>Discount Rate Sensitivity</b>     |                            |                                |
| <b>1% Decrease<br/>(5.75%)</b>       | <b>Current<br/>(6.75%)</b> | <b>1% Increase<br/>(7.75%)</b> |
| \$ 1,261,524                         | \$ (23,069)                | \$ (1,061,062)                 |
| 328,477                              | (6,007)                    | (276,280)                      |
| 520,300                              | (9,514)                    | (437,621)                      |
| 4,061,424                            | (74,269)                   | (3,416,044)                    |
| 106,118                              | (1,941)                    | (89,255)                       |
| 1,489,956                            | (27,246)                   | (1,253,195)                    |
| 22,523                               | (412)                      | (18,944)                       |
| 1,056,880                            | (19,326)                   | (888,936)                      |
| 4,032,406                            | (73,738)                   | (3,391,637)                    |
| 598,496                              | (10,944)                   | (503,392)                      |
| 958,944                              | (17,536)                   | (806,563)                      |
| 166,516                              | (3,045)                    | (140,056)                      |
| 574,118                              | (10,499)                   | (482,888)                      |
| 1,012,509                            | (18,515)                   | (851,617)                      |
| 81,571                               | (1,492)                    | (68,609)                       |
| 344,504                              | (6,300)                    | (289,761)                      |
| 330,755                              | (6,048)                    | (278,196)                      |
| 413,000                              | (7,552)                    | (347,373)                      |
| 357,579                              | (6,539)                    | (300,758)                      |
| 393,093                              | (7,188)                    | (330,628)                      |
| 266,139                              | (4,867)                    | (223,848)                      |
| 278,792                              | (5,098)                    | (234,491)                      |
| 2,891,340                            | (52,872)                   | (2,431,893)                    |
| <b>\$ 843,546,596</b>                | <b>\$ (15,425,396)</b>     | <b>\$ (709,503,043)</b>        |

**Indiana Public Retirement System**

**1977 Police Officers' and Firefighters' Retirement Fund**

**Notes to the Schedule of Additional Pension Amounts by Employer (Unaudited)  
Year Ended June 30, 2017**

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**Nature of the Schedule**

The purpose of this schedule is to provide employers supplemental information, with regard to GASB Statement No. 68, for their financial statements.

**Contributions**

As of the measurement date, the schedule provides each employer their contributions and reflects the reversal of any prior year accrual and the addition of any current year accrual.

**Amortization of Net Deferred Outflows and Inflows of Resources**

For each employer this schedule provides the amortization of net deferred outflows and inflows of resources for the next five years and thereafter.

**Discount Rate Sensitivity**

The discount rate sensitivity for each employer's net pension liability is provided assuming a 1% decrease and a 1% increase in the pension plan's discount rate.