Virginia Retirement System
Finance Division
Analysis of Change in Net OPEB Liability - HIC - Political Subdivisions
For the Plan Year Ended and Measurement Date of June 30, 2019

| | | | | | | LESS: FY 2019 | | PLUS: FY 2019 | | | | | | | |
|----------|---|------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|------------|------------|------------|
| | | | | | LESS: FY 2019 | Deferred | LESS: FY 2019 | Deferred | PLUS: FY 2019 | PLUS: FY 2019 | | | Calculated | | |
| | | | | | Deferred | Inflows | Deferred | Outflows | Deferred | Deferred | PLUS: FY 2019 | LESS: FY 2019 | 6/30/2019 | Actual | |
| | | 6/30/2018 | PLUS: FY 2018 | LESS: FY 2018 | Inflows | Expected | Inflows | Expected | Outflows | Outflows | Employer | Normal | Net | 6/30/2019 | |
| Employer | | Net OPEB | Deferred | Deferred | Investment | vs Actual | Change In | vs Actual | Investment | Change In | OPEB | Employer | ОРЕВ | Net OPEB | |
| Code | Entity | Liability | Inflows | Outflows | Experience | Experience | Assumptions | Experience | Experience | Assumptions | Expense | Contributions | Liability | Liability | Difference |
| Coue | Littity | Liability | IIIIUVVS | Outilows | LXperience | Lyberience | Assumptions | LAPETICIICE | LXPELIEUCE | Assumptions | СХРЕПЗЕ | Contributions | Liability | Liability | Dilletelle |
| | VRS Health Insurance | | | | | | | | | | | | | | |
| | Credit Plan - Political Subdivisions | 17,378,869 | 1,747,839 | 545,003 | (387,044) | (768,079) | (572,761) | 1,408,366 | 105,076 | 876,711 | 2,238,766 | 2,406,132 | 19,076,608 | 19,076,608 | _ |
| | | | | | | | · · · · · · | | · | | | | <u> </u> | | |
| | Employer Allocation | | | | | | | | | | | | | | |
| | Accomack County | 262,705 | 7,149 | | (238) | (11,547) | (5,245) | 6,890 | 53 | | 21,497 | 28,789 | 249,979 | 249,979 | |
| 55103 | Amelia County | 32,925 | 1,081 | 5,240 | (170) | (5,546) | (645) | 4,213 | 47 | 952 | 3,320 | 3,541 | 27,396 | 27,396 | |
| 55104 | Amherst County | 61,023 | 6,528 | 5,236 | (2,128) | _ | (2,557) | 4,224 | 602 | 3,634 | 8,884 | 9,311 | 65,663 | 65,663 | _ |
| 55110 | Bland County | 38,698 | 5,251 | 7 | (58) | (2,836) | (1,113) | 3,748 | 43 | 932 | 3,912 | 4,954 | 43,616 | 43,616 | _ |
| 55122 | Craig County | (5,665) | 1,218 | 82 | (679) | (134) | _ | 808 | 189 | 404 | 419 | 391 | (3,913) | (3,913) | |
| 55128 | Essex County | 35,214 | 3,152 | 22 | (117) | (1,626) | (682) | 9,503 | 67 | 1,149 | 7,510 | 7,610 | 46,538 | 46,538 | |
| 55132 | Fluvanna County | 31,264 | 4,252 | 8,235 | (1,661) | (2,825) | (1,243) | 6,320 | 465 | 2,293 | 4,915 | 5,048 | 30,497 | 30,497 | |
| 55136 | Gloucester County | 10,865 | 24,782 | _ | (4,877) | (8,801) | (5,017) | 2,841 | 1,300 | 6,076 | 6,057 | 12,652 | 20,574 | 20,574 | |
| 55139 | Greene County | 19,149 | 7,034 | _ | (1,535) | (15,388) | (2,523) | | 430 | 1,819 | (1,013) | 3,980 | 3,993 | 3,993 | |
| 55140 | Greensville County | 4,104 | 8,670 | _ | (1,409) | (3,437) | (1,548) | 746 | 378 | 1,739 | 1,121 | 3,163 | 7,201 | 7,201 | _ |
| 55141 | Halifax County | 49,575 | 18,892 | _ | (1,855) | (10,024) | (2,933) | 2,906 | 554 | 3,153 | 5,032 | 7,750 | 57,550 | 57,550 | _ |
| 55142 | Hanover County | 678,115 | 45,238 | 6,026 | (8,029) | (8,654) | (27,054) | 5,071 | 1,975 | 29,721 | 76,270 | 80,463 | 706,164 | 706,164 | _ |
| 55144 | Henry County | (73,677) | 24,783 | _ | (5,679) | (8,001) | (5,248) | 6,764 | 1,557 | 5,692 | (2,953) | 2,294 | (59,056) | (59,056) | |
| 55146 | Isle of Wight County | 91,690 | 7,860 | 8,385 | (3,067) | (20,286) | (2,481) | 6,701 | 814 | 5,119 | 9,561 | 15,467 | 72,059 | 72,059 | |
| 55147 | James City County | 599,941 | 25,283 | 10,767 | (11,802) | _ | (6,150) | 36,933 | 2,631 | 31,042 | 96,759 | 74,871 | 688,999 | 688,999 | |
| | King And Queen | | | | | | | | | | | | | | |
| | County | _ | _ | | (3) | _ | _ | 7,164 | _ | 2.0 | 1,240 | | 6,927 | 6,927 | |
| | Louisa County | 22,643 | | | (1,558) | (11,809) | (3,315) | _ | 395 | | 4,601 | 8,616 | 17,967 | 17,967 | _ |
| | Madison County | (28,814) | | | (1,135) | (9,959) | (1,396) | 3,491 | 297 | 1,189 | (206) | | (23,293) | (23,293) | _ |
| 55157 | Mathews County | 29,241 | 503 | 3,795 | (32) | (828) | (360) | 2,889 | 2 | 573 | 3,392 | 3,730 | 27,855 | 27,855 | _ |

Virginia Retirement System
Finance Division
Analysis of Change in Net OPEB Liability - HIC - Political Subdivisions
For the Plan Year Ended and Measurement Date of June 30, 2019

| | | | | | | LESS: FY 2019 | | PLUS: FY 2019 | | | | | | | |
|--------------|--------------------------|-----------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|------------|-----------|------------|
| | | | | | LESS: FY 2019 | Deferred | LESS: FY 2019 | Deferred | PLUS: FY 2019 | PLUS: FY 2019 | | | Calculated | | |
| | | | | | Deferred | Inflows | Deferred | Outflows | Deferred | Deferred | PLUS: FY 2019 | LESS: FY 2019 | 6/30/2019 | Actual | |
| | | 6/30/2018 | PLUS: FY 2018 | LESS: FY 2018 | Inflows | Expected | Inflows | Expected | Outflows | Outflows | Employer | Normal | Net | 6/30/2019 | |
| Employer | | Net OPEB | Deferred | Deferred | Investment | vs Actual | Change In | vs Actual | Investment | Change In | OPEB | Employer | OPEB | Net OPEB | |
| Code | Entity | Liability | Inflows | Outflows | Experience | Experience | Assumptions | Experience | Experience | Assumptions | Expense | Contributions | Liability | Liability | Difference |
| 55163 N | lew Kent County | 58,402 | 11,701 | 46 | (116) | (6,352) | (3,658) | 964 | 35 | 2,508 | 9,557 | 11,299 | 61,696 | 61,696 | |
| 55166 C | lorthumberland County | (7,039) | 5,201 | _ | (847) | (5,909) | (1,101) | _ | 210 | 822 | (227) | 1,826 | (10,716) | (10,716) | _ |
| 55170 P | atrick County | 27,846 | _ | 45 | _ | _ | _ | 273 | 64 | 827 | 3,640 | 1,943 | 30,662 | 30,662 | _ |
| 55171 P | ittsylvania County | 226,901 | 9,919 | 4,362 | (6,653) | _ | | 7,534 | 1,890 | 6,693 | 46,602 | 27,906 | 260,618 | 260,618 | _ |
| 55172 P | owhatan County | 56,275 | 2,678 | 2,051 | (222) | (5,698) | (1,815) | 1,658 | 14 | 1,727 | 5,653 | 8,411 | 49,808 | 49,808 | _ |
| P 55176 C | rince William County | 3,859,896 | 201,300 | 54,938 | (60,763) | _ | (91,643) | 145,399 | 17,117 | 171,349 | 439,983 | 460,047 | 4,167,653 | 4,167,653 | _ |
| 55177 P | ulaski County | 50,657 | 23,427 | _ | (2,756) | (22,215) | (4,494) | _ | 802 | 4,923 | 5,557 | 12,233 | 43,668 | 43,668 | _ |
| 55178 C | lappahannock County | (2,803) | 2,115 | 7,282 | (576) | _ | (968) | 8,399 | 154 | 688 | 2,430 | 535 | 1,622 | 1,622 | _ |
| 55180 R | loanoke County | 1,043,393 | 46,009 | _ | (8,376) | (2,730) | (24,035) | 23,656 | 1,992 | 36,286 | 102,561 | 142,727 | 1,076,029 | 1,076,029 | _ |
| 55183 R | lussell County | 15,818 | 7,110 | _ | (1,546) | (2,873) | (736) | 1,918 | 449 | 1,779 | 2,162 | 2,788 | 21,293 | 21,293 | _ |
| 55185 S | Shenandoah County | (5,682) | 22,064 | _ | (3,840) | (18,059) | (6,301) | _ | 1,023 | 5,494 | 1,489 | 7,947 | (11,759) | (11,759) | _ |
| 55187 S | Southampton County | (5,482) | 6,908 | _ | (2,821) | (1,421) | (1,010) | _ | 799 | 2,310 | 253 | 2,561 | (3,025) | (3,025) | _ |
| 55189 S | Stafford County | 128,922 | 42,624 | 4,408 | (13,400) | _ | (18,188) | 10,192 | 3,590 | 20,918 | 29,264 | 38,396 | 161,118 | 161,118 | _ |
| 55192 T | azewell County | (20,455) | 26,941 | | (5,084) | (11,651) | (3,760) | 6,750 | 1,413 | 5,468 | (219) | 4,496 | (5,093) | (5,093) | |
| | Vashington County | (17,173) | 10,756 | _ | (4,097) | (9,316) | (1,511) | _ | 1,165 | 3,510 | (1,882) | 3,046 | (21,594) | (21,594) | _ |
| 55196 C | Vestmoreland County | 36,446 | 2,385 | _ | (297) | (413) | (1,069) | 373 | 54 | 1,346 | 4,689 | 5,493 | 38,021 | 38,021 | _ |
| 55197 V | Vise County | (47,688) | 15,528 | _ | (3,615) | (6,824) | (3,295) | _ | 1,001 | 3,286 | (2,709) | 2,143 | (46,459) | (46,459) | _ |
| 55198 V | Vythe County | (21,957) | 7,790 | _ | (2,461) | (1,957) | (1,156) | 4,125 | 674 | 2,160 | 169 | 1,824 | (14,437) | (14,437) | _ |
| | ork County | 333,966 | 54,487 | _ | (15,052) | (1,108) | | 19,030 | 4,143 | 27,030 | | 73,808 | 365,786 | 365,786 | _ |
| | City of Radford | 276,941 | 18,415 | _ | (3,673) | (7,186) | (5,573) | _ | ., | | | 27,628 | 285,637 | 285,637 | _ |
| 55217 C | ity of Roanoke | 294,354 | 2,261 | _ | (1,510) | | _ | _ | 540 | _ | 41,700 | 26,085 | 311,260 | 311,260 | _ |

Virginia Retirement System
Finance Division
Analysis of Change in Net OPEB Liability - HIC - Political Subdivisions
For the Plan Year Ended and Measurement Date of June 30, 2019

| | | | | | | LESS: FY 2019 | | PLUS: FY 2019 | | | | | | | |
|----------|--|-----------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|------------|-----------|------------|
| | | | | | LESS: FY 2019 | Deferred | LESS: FY 2019 | Deferred | PLUS: FY 2019 | PLUS: FY 2019 | | | Calculated | | |
| | | | | | Deferred | Inflows | Deferred | Outflows | Deferred | Deferred | PLUS: FY 2019 | LESS: FY 2019 | 6/30/2019 | Actual | |
| | | 6/30/2018 | PLUS: FY 2018 | LESS: FY 2018 | Inflows | Expected | Inflows | Expected | Outflows | Outflows | Employer | Normal | Net | 6/30/2019 | |
| Employer | | Net OPEB | Deferred | Deferred | Investment | vs Actual | Change In | vs Actual | Investment | Change In | OPEB | Employer | OPEB | Net OPEB | |
| Code | Entity | Liability | Inflows | Outflows | Experience | Experience | Assumptions | Experience | Experience | Assumptions | Expense | Contributions | Liability | Liability | Difference |
| 55222 | City of Winchester | 129,406 | 51,730 | _ | (7,206) | (67,655) | (12,987) | _ | 1,848 | 13,465 | 10,633 | 25,691 | 93,543 | 93,543 | |
| 55228 | Town of Middletown | 2,173 | 1,105 | 2 | (96) | (626) | (165) | 15 | 31 | 212 | 396 | 861 | 2,182 | 2,182 | _ |
| 55230 | City of Covington | 201,196 | 8,923 | _ | (1,835) | (537) | (3,780) | 9,372 | 527 | 5,455 | 19,548 | 17,440 | 221,429 | 221,429 | _ |
| 55300 | Town of Abingdon | _ | _ | _ | (28) | _ | _ | _ | _ | _ | 114,152 | 8,909 | 105,215 | 105,215 | _ |
| 55301 | Town of Dumfries | (3,390) | 4,798 | _ | (534) | (2,962) | (227) | 3,707 | 118 | 538 | 1,396 | 1,665 | 1,779 | 1,779 | _ |
| 55312 | Town of Hamilton | 9,064 | 102 | 296 | (8) | _ | (72) | 493 | 5 | 197 | 1,574 | 1,465 | 9,594 | 9,594 | _ |
| 55321 | Town of Woodstock | 56,891 | 4,428 | 902 | (1,132) | _ | (2,190) | 2,420 | 282 | 2,765 | 7,906 | 8,508 | 61,960 | 61,960 | _ |
| 55326 | Town of Pearisburg | 61,946 | 2,143 | 5,107 | (611) | (5,272) | (990) | 4,261 | 166 | 2,196 | 5,412 | 5,682 | 58,462 | 58,462 | _ |
| 55332 | City of Manassas | 443,135 | 34,006 | _ | (9,444) | (389) | (15,644) | 1,765 | 2,598 | 22,218 | 46,544 | 55,729 | 469,060 | 469,060 | _ |
| | Town of Lawrenceville | 18,089 | 3,186 | 3,459 | (565) | _ | (1,746) | 2,762 | 153 | 993 | 2,907 | 2,743 | 19,577 | 19,577 | |
| | Town of Stanley | 11,116 | 1,115 | | (397) | (47) | | 3,209 | 110 | 751 | 2,208 | 1,836 | 15,866 | 15,866 | _ |
| | Town of Strasburg | 10,279 | 5,994 | _ | (1,227) | (6,060) | | | 333 | 2,094 | 1,626 | 3,505 | 7,223 | 7,223 | _ |
| | City of Poquoson | 131,099 | 13,248 | _ | (2,452) | (1,482) | | 16,727 | 731 | 6,165 | 16,469 | 16,003 | 158,427 | 158,427 | _ |
| | Town of Kenbridge | (432) | 313 | 224 | (211) | _ | | 629 | 56 | 272 | 623 | 608 | 418 | 418 | _ |
| | Town of Shenandoah | 8,297 | 4,479 | _ | (416) | (2,336) | (763) | 652 | 106 | 687 | 700 | 1,521 | 9,885 | 9,885 | _ |
| 55396 | Town of Kilmarnock | (5,020) | 2,807 | _ | (468) | (3,614) | (668) | _ | 85 | 523 | (472) | 867 | (7,694) | (7,694) | _ |
| 55411 | Hampton Roads Sanitation District | 1,094,728 | 37,457 | 23,350 | (14,663) | _ | (12,279) | 41,569 | 4,242 | 42,680 | 106,266 | 107,815 | 1,168,835 | 1,168,835 | _ |
| 55425 | Colonial Behavioral Health | 74,935 | 11,808 | _ | (3,153) | (5,843) | (4,177) | _ | 893 | 5,439 | 9,808 | 14,391 | 75,319 | 75,319 | _ |
| | Shenandoah Valley Juvenile Detention Home Comm | 33,031 | 2,957 | 4,030 | (1,005) | (4,716) | (1,131) | 3,321 | 300 | 1,678 | 4,344 | 4,595 | 30,154 | 30,154 | _ |

Virginia Retirement System
Finance Division
Analysis of Change in Net OPEB Liability - HIC - Political Subdivisions
For the Plan Year Ended and Measurement Date of June 30, 2019

| | | | | | | LESS: FY 2019 | | PLUS: FY 2019 | | | | | | | |
|----------|--|-----------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|------------|-----------|------------|
| | | | | | LESS: FY 2019 | Deferred | LESS: FY 2019 | Deferred | PLUS: FY 2019 | PLUS: FY 2019 | | | Calculated | | |
| | | | | | Deferred | Inflows | Deferred | Outflows | Deferred | Deferred | PLUS: FY 2019 | LESS: FY 2019 | 6/30/2019 | Actual | |
| | | 6/30/2018 | PLUS: FY 2018 | LESS: FY 2018 | Inflows | Expected | Inflows | Expected | Outflows | Outflows | Employer | Normal | Net | 6/30/2019 | |
| Employer | | Net OPEB | Deferred | Deferred | Investment | vs Actual | Change In | vs Actual | Investment | Change In | OPEB | Employer | OPEB | Net OPEB | |
| Code | Entity | Liability | Inflows | Outflows | Experience | Experience | Assumptions | Experience | Experience | Assumptions | Expense | Contributions | Liability | Liability | Difference |
| 55447 | Rappahannock Area Community Services Board | (10,183) | 16,461 | _ | (4,908) | (1,273) | (6,238) | _ | 1,344 | 7,516 | 8,529 | 14,463 | (3,215) | (3,215) | |
| 55450 | Meherrin Regional Library | 6,863 | 1,890 | 2,770 | (236) | (408) | (1,134) | 1,992 | 61 | 443 | 1,099 | 1,064 | 6,736 | 6,736 | _ |
| 55454 | Greensville-Emporia Social Services | 66,492 | 981 | 2,561 | (373) | _ | (288) | 3,869 | 122 | 1,546 | 6,447 | 5,459 | 70,776 | 70,776 | _ |
| 55455 | James City County Service Authority | 54,373 | 11,909 | _ | (1,665) | (8,797) | (2,267) | _ | 462 | 3,488 | 4,920 | 8,002 | 54,421 | 54,421 | _ |
| 55456 | Accomack/ Northampton Plan | | | | (8) | _ | _ | 28,411 | _ | 645 | 4,846 | 1,940 | 31,954 | 31,954 | _ |
| 55472 | District 19 Community Services Board | 33,089 | 13,879 | 1,798 | (5,000) | _ | (5,114) | 10,188 | 1,313 | 7,268 | 11,243 | 13,346 | 51,722 | 51,722 | _ |
| 55477 | Frederick County Sanitation Authority | 32,461 | 4,536 | 2,590 | (1,161) | _ | (2,269) | 2,863 | 289 | 2,162 | 4,626 | 5,230 | 35,687 | 35,687 | _ |
| 55478 | Western Tidewater Community Services Board | 15,514 | 21,208 | _ | (5,454) | (4,841) | (8,566) | _ | 1,456 | 9,390 | 12,281 | 19,712 | 21,276 | 21,276 | _ |
| 55487 | Capital Regional Airport Commission | 124,836 | 8,300 | 463 | (281) | _ | (6,535) | 110,063 | 30 | 6,243 | 35,030 | 18,732 | 258,491 | 258,491 | _ |
| 55489 | Harrisonburg/ Rockingham Community Services Board | 37,217 | 10,080 | _ | (3,112) | (1,929) | (2,388) | 2,156 | 882 | 4,831 | 8,867 | 10,800 | 45,804 | 45,804 | _ |
| 55493 | Planning District 1 Behavioral Health Services Board | 7,023 | 61 | 229 | (36) | _ | (3) | 422 | 12 | 113 | 824 | 549 | 7,638 | 7,638 | _ |
| 55502 | Alleghany County School Board | 96,686 | _ | 86,710 | (70) | (16,387) | _ | 68,946 | 65 | 2,247 | 24,933 | 11,006 | 78,704 | 78,704 | _ |

Virginia Retirement System
Finance Division
Analysis of Change in Net OPEB Liability - HIC - Political Subdivisions
For the Plan Year Ended and Measurement Date of June 30, 2019

| | | | | | | LESS: FY 2019 | | PLUS: FY 2019 | | | | | | | |
|----------|--------------------------------------|-----------|----------------|---------------|-----------------|---------------|---------------|---------------|----------------|-------------|---------------|---------------|------------|-----------|------------|
| | | | | | LESS: FY 2019 | Deferred | LESS: FY 2019 | Deferred | PLUS: FY 2019 | | | | Calculated | | |
| | | 0/00/0040 | DI 110 EV 0040 | 1500 57 0040 | Deferred | Inflows | Deferred | Outflows | Deferred | Deferred | PLUS: FY 2019 | LESS: FY 2019 | 6/30/2019 | Actual | |
| | | 6/30/2018 | PLUS: FY 2018 | LESS: FY 2018 | Inflows | Expected | Inflows | Expected | Outflows | Outflows | Employer | Normal | Net | 6/30/2019 | |
| Employer | | Net OPEB | Deferred | Deferred | Investment - | vs Actual | Change In | vs Actual | Investment | Change In | OPEB - | Employer | OPEB | Net OPEB | |
| Code | Entity | Liability | Inflows | Outflows | Experience | Experience | Assumptions | Experience | Experience | Assumptions | Expense | Contributions | Liability | Liability | Difference |
| 55505 | Appomattox County School Board | 20,874 | 2,811 | 362 | (681) | _ | (1,311) | 5,707 | 206 | 1,352 | 3,841 | 2,550 | 29,887 | 29,887 | _ |
| 55508 | Bath County School Board | 80,316 | 2,281 | 3,830 | (188) | _ | (1,187) | 10,251 | 82 | 1,646 | 9,299 | 6,084 | 92,586 | 92,586 | |
| 55511 | Botetourt County School Board | 174,867 | 5,650 | 8,662 | (989) | _ | (2,737) | 10,368 | 251 | 4,542 | 19,336 | 20,358 | 182,268 | 182,268 | _ |
| 55517 | Carroll County School Board | 407,552 | 43,665 | _ | (2,965) | (15,281) | (12,932) | 14,276 | _ | 11,783 | 17,716 | 25,185 | 438,629 | 438,629 | _ |
| 55522 | Winchester Public Schools | 25,971 | 7,560 | _ | (1,352) | (2,201) | (1,786) | 8,002 | 367 | 2,312 | 5,924 | 5,607 | 39,190 | 39,190 | _ |
| 55523 | Culpeper County School Board | (30,021) | 22,905 | _ | (4,333) | (10,259) | (2,506) | 15,282 | 1,180 | 4,842 | 3,806 | 7,016 | (6,120) | (6,120) | _ |
| 55530 | Covington School Board | 53,809 | 415 | 681 | (185) | (5,303) | (53) | 351 | 23 | 730 | 2,337 | 5,260 | 46,183 | 46,183 | |
| 55536 | Gloucester County School Board | 261,205 | 6,749 | 7,823 | (2,336) | (18,846) | (2,146) | 5,644 | 661 | 6,686 | 20,030 | 25,674 | 244,150 | 244,150 | _ |
| 55541 | Halifax County School Board | 178,990 | 10,945 | _ | (1,947) | (7,628) | (108) | _ | 630 | 3,728 | 11,036 | 14,865 | 180,781 | 180,781 | _ |
| 55552 | Lee County School Board | 223,462 | 4,568 | 8,948 | (1,143) | (1,853) | (1,793) | 6,455 | 299 | 4,793 | 20,680 | 18,894 | 227,626 | 227,626 | _ |
| 55553 | Loudoun County School Board | 518,887 | 82,051 | 19,739 | (26,733) | _ | (33,184) | 53,358 | 7,598 | 53,782 | 98,873 | 121,225 | 613,668 | 613,668 | _ |
| 55554 | Louisa County Public Schools | 117,766 | 24,013 | _ | (3,852) | (20,787) | (3,818) | _ | 1,123 | | 6,907 | 14,822 | 113,151 | 113,151 | _ |
| 55571 | Pittsylvania County School Board | 388,829 | 24,591 | _ | (818) | (88,606) | (11,716) | _ | _ | 4.000 | (396) | 28,909 | 287,665 | 287,665 | _ |
| 55574 | Prince George County School Board | 159,404 | 58 | 140,762 | (73) | _ | _ | 177,855 | _ | 4,657 | 65,681 | 21,211 | 245,609 | 245,609 | _ |

Virginia Retirement System
Finance Division
Analysis of Change in Net OPEB Liability - HIC - Political Subdivisions
For the Plan Year Ended and Measurement Date of June 30, 2019

| | | | | | | LESS: FY 2019 | | PLUS: FY 2019 | | | | | | | |
|----------|------------------------------------|-----------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|------------|-----------|------------|
| | | | | | LESS: FY 2019 | Deferred | LESS: FY 2019 | Deferred | PLUS: FY 2019 | PLUS: FY 2019 | | | Calculated | | |
| | | | | | Deferred | Inflows | Deferred | Outflows | Deferred | Deferred | PLUS: FY 2019 | LESS: FY 2019 | 6/30/2019 | Actual | |
| | | 6/30/2018 | PLUS: FY 2018 | LESS: FY 2018 | Inflows | Expected | Inflows | Expected | Outflows | Outflows | Employer | Normal | Net | 6/30/2019 | |
| Employer | | Net OPEB | Deferred | Deferred | Investment | vs Actual | Change In | vs Actual | Investment | Change In | OPEB | Employer | OPEB | Net OPEB | |
| Code | Entity | Liability | Inflows | Outflows | Experience | Experience | Assumptions | Experience | Experience | Assumptions | Expense | Contributions | Liability | Liability | Difference |
| 55576 | Prince William County Schools | 741,389 | 134,446 | _ | (24,561) | (66,974) | (37,822) | _ | 7,050 | 53,913 | 89,105 | 123,765 | 772,781 | 772,781 | _ |
| 55578 | Rappahannock County Schools | 14,392 | 7,491 | _ | (718) | (6,018) | (387) | _ | 211 | 915 | (1,218) | 3,205 | 11,463 | 11,463 | |
| 55582 | Rockingham County School Board | 583,417 | 23,471 | 26,252 | (7,086) | _ | (8,124) | 18,954 | 1,882 | 16,870 | 63,141 | 58,393 | 607,880 | 607,880 | _ |
| 55583 | Russell County School Board | 559,272 | 31,306 | _ | (4,715) | (619) | (17,150) | 393 | _ | 16,049 | 23,641 | 32,001 | 576,176 | 576,176 | _ |
| 55589 | Stafford County Schools | 116,925 | 25,645 | _ | (4,386) | (10,586) | (4,427) | 5,769 | 1,224 | 8,434 | 15,307 | 19,683 | 134,222 | 134,222 | _ |
| 55595 | Washington County School Board | 282,580 | 13,992 | _ | (138) | (7,945) | (1,321) | 779 | 117 | 4,253 | 19,822 | 21,443 | 290,696 | 290,696 | _ |
| 55597 | Wise County Schools | 64,135 | 7,083 | 11,129 | (3,475) | (4,393) | (1,122) | 7,607 | 1,008 | 3,661 | 8,037 | 6,789 | 64,623 | 64,623 | _ |
| 55598 | Wythe County School Board | 132,406 | 924 | 3,830 | (494) | (2,775) | (94) | 2,527 | 220 | 2,310 | 12,455 | 11,429 | 132,220 | 132,220 | _ |
| 55599 | York County School Board | | _ | _ | (358) | _ | _ | 268,526 | _ | 7,816 | 64,700 | 34,311 | 306,373 | 306,373 | _ |
| 55606 | Franklin City Public Schools | 1,687 | 1,441 | 945 | (600) | _ | (359) | 1,093 | 169 | 579 | 760 | 756 | 3,069 | 3,069 | _ |
| 55612 | Brunswick County Public Schools | 64,392 | 6,431 | _ | (821) | (12,819) | (1,183) | _ | 228 | 1,679 | 1,409 | 5,782 | 53,534 | 53,534 | _ |
| | Campbell County School Board | 205,667 | 15,187 | _ | (3,192) | (6,114) | (766) | 3,459 | 948 | 6,041 | 18,027 | 21,624 | 217,633 | 217,633 | _ |
| 55617 | Roanoke City Schools | (20,633) | 5,622 | | (868) | (2,805) | (780) | 4,165 | 195 | 1,137 | 2,685 | 5,161 | (16,443) | (16,443) | |
| 55619 | Staunton City School Board | 74,414 | 1,964 | 998 | (427) | (532) | (866) | 737 | 155 | 1,539 | 6,759 | 7,484 | 75,261 | 75,261 | _ |
| 55632 | City of Manassas School Board | 50,953 | 8,762 | _ | (3,251) | (4,295) | (1,685) | _ | 888 | 4,935 | 5,664 | 7,721 | 54,250 | 54,250 | _ |

Virginia Retirement System
Finance Division
Analysis of Change in Net OPEB Liability - HIC - Political Subdivisions
For the Plan Year Ended and Measurement Date of June 30, 2019

| | | | | | | LESS: FY 2019 | | PLUS: FY 2019 | | | | | | | |
|----------|---|-----------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|------------|-----------|------------|
| | | | | | LESS: FY 2019 | Deferred | LESS: FY 2019 | Deferred | PLUS: FY 2019 | PLUS: FY 2019 | | | Calculated | | |
| | | | | | Deferred | Inflows | Deferred | Outflows | Deferred | Deferred | PLUS: FY 2019 | LESS: FY 2019 | 6/30/2019 | Actual | |
| | | 6/30/2018 | PLUS: FY 2018 | LESS: FY 2018 | Inflows | Expected | Inflows | Expected | Outflows | Outflows | Employer | Normal | Net | 6/30/2019 | |
| Employer | | Net OPEB | Deferred | Deferred | Investment | vs Actual | Change In | vs Actual | Investment | Change In | OPEB | Employer | OPEB | Net OPEB | |
| Code | Entity | Liability | Inflows | Outflows | Experience | Experience | Assumptions | Experience | Experience | Assumptions | Expense | Contributions | Liability | Liability | Difference |
| 55633 | Franklin County Schools | 182,065 | 27,836 | _ | (5,567) | (6,460) | (7,520) | 13,728 | 1,546 | 10,100 | 21,317 | 24,036 | 213,009 | 213,009 | _ |
| 55635 | City of Salem Schools | 76,264 | 16,940 | 194 | (1,112) | (17,701) | _ | _ | 342 | 2,251 | 1,824 | 7,318 | 71,296 | 71,296 | _ |
| 55636 | Manassas Park City Schools | (21,395) | 10,790 | _ | (814) | (7,513) | (267) | 5,365 | 226 | 989 | (597) | 819 | (14,035) | (14,035) | |
| 55637 | Newport News Public Schools | 10,254 | 9,718 | 149 | (329) | (5,989) | (3,325) | _ | 112 | 2,222 | 12,201 | 18,571 | 6,144 | 6,144 | _ |
| 55802 | Williamsburg-James City County Schools | (22,499) | 29,310 | _ | (5,625) | (12,685) | (5,401) | _ | 1,558 | 6,230 | 199 | 9,260 | (18,173) | (18,173) | _ |
| 55803 | Poquoson City School Board | 59,402 | 317 | 479 | (211) | (1,174) | _ | 305 | 78 | 973 | 5,021 | 4,681 | 59,551 | 59,551 | _ |
| | Jackson River Vocational Technical Center | 4,300 | 4 | 77 | (8) | _ | _ | 982 | _ | 120 | 509 | 271 | 5,559 | 5,559 | _ |
| | Williamsburg Area Transit Authority | | _ | | | _ | _ | _ | 244 | _ | (8,577) | | (9,668) | (9,668) | _ |
| | Middle Peninsula Juvenile Detention Commission | _ | _ | _ | _ | _ | _ | _ | 313 | _ | (11,101) | 1,366 | (12,154) | (12,154) | _ |
| | Hampton Roads Transportation Accountability Commission | (188) | 622 | 2 | (8) | (999) | (63) | _ | 1 | 15 | 460 | 745 | (907) | (907) | _ |
| 55867 | Pamunkey Regional Library | 26,964 | 3,410 | 6 | (73) | (1,963) | (653) | 434 | 27 | 758 | 2,462 | 3,205 | 28,155 | 28,155 | |
| | Northern Virginia Transportation Authority | 491 | 264 | 1 | (31) | (1,328) | (133) | _ | 1 | 76 | 1,148 | 1,758 | (1,271) | (1,271) | _ |

Virginia Retirement System
Finance Division
Analysis of Change in Net OPEB Liability - HIC - Political Subdivisions
For the Plan Year Ended and Measurement Date of June 30, 2019

| | | | | | | LESS: FY 2019 | | PLUS: FY 2019 | | | | | | | |
|----------|---|-----------|---------------|---------------|---------------|---------------|---------------|---------------|------------|---------------|---------------|---------------|------------|-----------|------------|
| | | | | | LESS: FY 2019 | Deferred | LESS: FY 2019 | Deferred | | PLUS: FY 2019 | | | Calculated | | |
| | | | | | Deferred | Inflows | Deferred | Outflows | Deferred | Deferred | PLUS: FY 2019 | LESS: FY 2019 | 6/30/2019 | Actual | |
| | | 6/30/2018 | PLUS: FY 2018 | LESS: FY 2018 | Inflows | Expected | Inflows | Expected | Outflows | Outflows | Employer | Normal | Net | 6/30/2019 | |
| Employer | | Net OPEB | Deferred | Deferred | Investment | vs Actual | Change In | vs Actual | Investment | Change In | OPEB | Employer | OPEB | Net OPEB | D:# |
| Code | Entity | Liability | Inflows | Outflows | Experience | Experience | Assumptions | Experience | Experience | Assumptions | Expense | Contributions | Liability | Liability | Difference |
| 55874 | Meherrin River Regional Jail Authority | (24,682) | 9,922 | _ | (897) | (5,281) | (2,184) | 5,771 | 193 | 1,797 | 6,196 | 9,093 | (18,258) | (18,258) | _ |
| 55883 | Western Virginia Regional Jail Authority | (36,501) | 10,755 | _ | (1,977) | (11,732) | (2,886) | _ | 462 | 3,440 | 3,695 | 8,380 | (43,124) | (43,124) | _ |
| 55886 | Russell County Public Service Authority | (170) | 813 | 327 | (199) | _ | (430) | 1,021 | 42 | 358 | 637 | 695 | 1,050 | 1,050 | _ |
| 55897 | Prince William County Service Authority | 211,789 | 26,168 | 22,197 | (5,680) | _ | (14,142) | 49,633 | 1,873 | 12,366 | 38,910 | 36,426 | 262,294 | 262,294 | _ |
| 55904 | Appalachian Juvenile Commission | 90,976 | 2,702 | 4,834 | (419) | (2,552) | (1,644) | 3,981 | 115 | 2,336 | 8,596 | 8,716 | 90,541 | 90,541 | _ |
| 55909 | Henry County Public Service Authority | 84,770 | 4,776 | 739 | (805) | _ | (2,789) | 10,824 | 257 | 2,970 | 9,190 | 8,033 | 100,421 | 100,421 | |
| 55914 | Rappahannock Juvenile Center | 69,715 | 3,404 | 836 | (769) | _ | (1,802) | 8,448 | 159 | 2,513 | 8,743 | 8,895 | 80,680 | 80,680 | _ |
| 55918 | Amherst County Service Authority | 26,621 | 6,139 | _ | (697) | (3,467) | (1,111) | _ | 202 | 1,157 | 867 | 2,525 | 27,186 | 27,186 | _ |
| 55919 | Pepper's Ferry Regional Wastewater Authority | 26,756 | 6,465 | _ | (543) | (3,818) | (592) | 3,739 | 157 | 1,095 | 2,547 | 3,189 | 32,617 | 32,617 | _ |
| 55926 | Scott County Soil & Water Conservation District | _ | _ | _ | (2) | _ | _ | 2,874 | _ | 113 | 382 | 260 | 3,107 | 3,107 | _ |
| 55927 | New River Resource Authority | (4,306) | 1,636 | 69 | (353) | (1,098) | (941) | 60 | 88 | 575 | 110 | 557 | (4,855) | (4,855) | _ |
| 55929 | Greensville County Water & Sewer Authority | 17,420 | 4,270 | _ | (712) | (2,380) | (1,624) | _ | 186 | 1,379 | 942 | 2,057 | 17,424 | 17,424 | _ |

Virginia Retirement System
Finance Division
Analysis of Change in Net OPEB Liability - HIC - Political Subdivisions
For the Plan Year Ended and Measurement Date of June 30, 2019

| | | | | | LESS: FY 2019 | LESS: FY 2019 Deferred | LESS: FY 2019 | PLUS: FY 2019 Deferred | PLUS: FY 2019 | PLUS: FY 2019 | | | Calculated | | |
|----------|--|-----------------------|---------------------------|---------------------------|-----------------------------------|----------------------------------|----------------------------------|-----------------------------------|------------------------------------|-----------------------------------|-----------------------------------|-------------------------------------|--------------------------|---------------------------------|------------|
| Employer | | 6/30/2018 Net OPEB | PLUS: FY 2018 Deferred | LESS: FY 2018 Deferred | Deferred Inflows Investment | Inflows Expected vs Actual | Deferred Inflows Change In | Outflows Expected vs Actual | Deferred Outflows Investment | Deferred Outflows Change In | PLUS: FY 2019 Employer OPEB | LESS: FY 2019 Normal Employer | 6/30/2019 Net OPEB | Actual 6/30/2019 Net OPEB | |
| Code | Entity | Liability | Inflows | Outflows | Experience | Experience | Assumptions | Experience | Experience | Assumptions | Expense | Contributions | Liability | Liability | Difference |
| 55930 | Petersburg Redevelopment & Housing Authority | 29,033 | 3,513 | _ | (455) | (2,000) | (713) | _ | 127 | 1,018 | 2,129 | 3,020 | 29,632 | 29,632 | |
| 55932 | Virginia Coalfield Economic Development Authority | 8,138 | 486 | 113 | (51) | (33) | (322) | 93 | 16 | 251 | 698 | 748 | 8,415 | 8,415 | _ |
| 55940 | Monacan Soil & Water Conservation District | 577 | 609 | _ | (117) | (268) | (319) | _ | 28 | 224 | 200 | 360 | 574 | 574 | _ |
| 55944 | Central Virginia Waste Management Authority | 3,753 | 728 | _ | (139) | (413) | (416) | _ | 37 | 314 | 824 | 1,052 | 3,636 | 3,636 | _ |
| 55947 | Tidewater Youth Services Commission | 58,314 | 6,212 | _ | (676) | (2,363) | (1,761) | 273 | 201 | 2,035 | 6,370 | 5,464 | 63,141 | 63,141 | _ |
| 55957 | Wise County Redevelopment & Housing Authority | 38,953 | 957 | _ | (272) | (305) | (274) | _ | 74 | 893 | 3,010 | 3,364 | 39,672 | 39,672 | _ |
| 55964 | Virginia Biotechnology Research Park Authority | 8,118 | 112 | 242 | (15) | _ | (63) | 483 | 3 | 175 | 882 | 902 | 8,551 | 8,551 | _ |
| 55977 | Southside Regional Jail | 33,546 | 2,374 | 7,255 | (743) | (6,630) | (1,027) | 6,030 | 202 | 1,704 | 5,885 | 6,137 | 27,949 | 27,949 | |
| 55978 | Evergreen Soil And Water Conservation District | 1,655 | _ | _ | (3) | _ | _ | 66 | _ | 84 | 181 | 164 | 1,819 | 1,819 | _ |
| 55979 | Roanoke Higher Education Authority | 21,383 | 1,697 | 9,588 | (337) | (4,006) | (996) | 7,932 | 60 | 646 | 3,800 | 2,172 | 18,419 | 18,419 | _ |
| 55982 | Daniel Boone Soil And Water Conservation District | _ | _ | _ | (5) | _ | _ | 3,471 | _ | 131 | 559 | 382 | 3,774 | 3,774 | _ |

Virginia Retirement System Finance Division Analysis of Change in Net OPEB Liability - HIC - Political Subdivisions For the Plan Year Ended and Measurement Date of June 30, 2019

| | | | | | | LESS: FY 2019 | | PLUS: FY 2019 | | | | | | | |
|----------|--|------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|------------|------------|------------|
| | | | | | LESS: FY 2019 | Deferred | LESS: FY 2019 | Deferred | PLUS: FY 2019 | PLUS: FY 2019 | | | Calculated | | |
| | | | | | Deferred | Inflows | Deferred | Outflows | Deferred | Deferred | PLUS: FY 2019 | LESS: FY 2019 | 6/30/2019 | Actual | |
| | | 6/30/2018 | PLUS: FY 2018 | LESS: FY 2018 | Inflows | Expected | Inflows | Expected | Outflows | Outflows | Employer | Normal | Net | 6/30/2019 | |
| Employer | | Net OPEB | Deferred | Deferred | Investment | vs Actual | Change In | vs Actual | Investment | Change In | OPEB | Employer | OPEB | Net OPEB | |
| Code | Entity | Liability | Inflows | Outflows | Experience | Experience | Assumptions | Experience | Experience | Assumptions | Expense | Contributions | Liability | Liability | Difference |
| | Southside Community Services Board | 62,998 | 13,997 | _ | (3,223) | (8,695) | (4,211) | _ | 837 | 5,691 | 8,512 | 13,497 | 62,409 | 62,409 | _ |
| А | Holston River Soil And Water Conservation District | _ | _ | _ | _ | _ | _ | _ | 1 | _ | 3,455 | 171 | 3,285 | 3,285 | _ |
| | otal for All Covered imployers | 17,378,869 | 1,747,839 | 545,003 | (387,044) | (768,079) | (572,761) | 1,408,366 | 105,076 | 876,711 | 2,238,766 | 2,406,132 | 19,076,608 | 19,076,608 | _ |