Virginia Retirement System
Finance Division
Analysis of Change in Net OPEB Liability - VLDP Teacher
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 | LESS: FY 2019 | Deferred | PLUS: FY 2019 | PLUS: FY 2019 | PLUS: FY 2019 | | | Calculated | | |
| | | | | | Deferred | Inflows | Deferred | Deferred | Outflows | Deferred | Deferred | Deferred | PLUS: FY 2019 | LESS: FY 2019 | 6/30/2019 | Actual | |
| | | 6/30/2018 | PLUS: FY 2018 | LESS: FY 2018 | Inflows | Expected | Inflows | Inflows | Expected | Outflows | Outflows | Outflows | Employer | Normal | Net | 6/30/2019 | |
| Employer | | Net OPEB | Deferred | Deferred | Investment | vs Actual | Change In | Change In | vs Actual | Investment | Change In | Change In | OPEB | Employer | OPEB | Net OPEB | |
| Code | Entity | Liability | Inflows | Outflows | Experience | Experience | Assumptions | Proportion | Experience | Experience | Assumptions | Proportion | Expense | Contributions | Liability | Liability | Difference |
| | VRS Virginia Local Disability Program - Teacher | 754,000 | 74,000 | 69,000 | _ | 70,153 | _ | 21,075 | _ | 2,242 | 99,249 | 21,075 | 1,757,608 | 1,966,608 | 581,338 | 581,338 | <u> </u> |
| | Employer Allocation | | | | | | | | | | | | | | | | |
| 40100 | Accomack County School Board | _ | _ | _ | _ | | _ | _ | _ | | _ | _ | | _ | _ | _ | _ |
| 40101 | Albemarle County Schools | _ | _ | _ | _ | | _ | _ | _ | | _ | _ | | _ | _ | _ | _ |
| 40102 | Alleghany County School Board | _ | _ | _ | _ | | _ | _ | _ | | _ | _ | | _ | _ | _ | _ |
| 40103 | Amelia County School Board | _ | _ | _ | _ | | _ | _ | _ | | _ | _ | | _ | _ | _ | _ |
| 40104 | Amherst County School Board | 7,000 | 1,000 | _ | _ | 553 | _ | 357 | _ | 18 | 783 | _ | 13,836 | 17,138 | 4,589 | 4,589 | _ |
| 40105 | Appomattox County School Board | _ | _ | _ | _ | | _ | _ | _ | | _ | _ | | _ | _ | _ | _ |
| 40106 | Arlington Public Schools | _ | _ | _ | _ | | _ | _ | _ | | _ | _ | | _ | _ | _ | _ |
| 40107 | Augusta County School Board | 20,000 | 1,000 | 1,000 | _ | 1,821 | _ | 913 | _ | 58 | 2,577 | _ | 45,547 | 50,351 | 15,097 | 15,097 | _ |
| 40108 | Bath County School Board | 2,000 | _ | _ | _ | 176 | _ | 165 | _ | 6 | 248 | _ | 4,376 | 4,836 | 1,453 | 1,453 | _ |
| 40109 | Bedford County School Board | _ | _ | _ | _ | | _ | _ | _ | | _ | _ | | _ | _ | _ | _ |
| 40110 | Bland County School Board | 2,000 | _ | _ | _ | 144 | _ | 102 | _ | 5 | 203 | _ | 3,593 | 4,363 | 1,192 | 1,192 | _ |

Virginia Retirement System
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Analysis of Change in Net OPEB Liability - VLDP Teacher
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 | LESS: FY 2019 | Deferred | PLUS: FY 2019 | PLUS: FY 2019 | PLUS: FY 2019 | | | Calculated | | |
| | | | | | Deferred | Inflows | Deferred | Deferred | Outflows | Deferred | Deferred | Deferred | PLUS: FY 2019 | LESS: FY 2019 | 6/30/2019 | Actual | |
| | | 6/30/2018 | PLUS: FY 2018 | LESS: FY 2018 | Inflows | Expected | Inflows | Inflows | Expected | Outflows | Outflows | Outflows | Employer | Normal | Net | 6/30/2019 | |
| Employer | | Net OPEB | Deferred | Deferred | Investment | vs Actual | Change In | Change In | vs Actual | Investment | Change In | Change In | OPEB | Employer | OPEB | Net OPEB | |
| Code Entit | _ | Liability | Inflows | Outflows | Experience | Experience | Assumptions | Proportion | Experience | Experience | Assumptions | Proportion | Expense | Contributions | Liability | Liability | Difference |
| Botetourt Co 40111 Schools | unty | | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | | _ | | _ | |
| Brunswick Co 40112 Public Schoo | ounty Is | _ | _ | _ | _ | _ | <u> </u> | _ | _ | _ | _ | _ | . <u></u> | _ | _ | _ | _ |
| Buchanan Co 40113 School Board | ounty I | 3,000 | _ | _ | _ | 269 | _ | 90 | _ | 9 | 380 | | 6,723 | 7,526 | 2,227 | 2,227 | _ |
| Buckingham 40114 School Board | County I | _ | _ | _ | _ | | _ | _ | _ | _ | _ | | | _ | _ | _ | _ |
| Campbell Co 40115 School Board | unty I | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | | | _ | _ | _ | _ |
| Caroline Cou 40116 School Board | nty I | 11,000 | 1,000 | 1,000 | _ | 926 | _ | 1,186 | _ | 30 | 1,309 | _ | 23,052 | 25,613 | 7,666 | 7,666 | _ |
| Carroll Count 40117 Board | ty School | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | | _ | _ | _ | _ |
| Charles City 40118 School Board | County I | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | | _ | _ | _ | _ |
| Charlotte Co 40119 School Board | unty I | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | | | _ | _ | _ | _ |
| Chesterfield 40120 School Board | County I | | | _ | _ | _ | _ | _ | _ | _ | _ | _ | | _ | _ | _ | _ |
| Clarke Count 40121 Board | y School | _ | _ | _ | _ | | _ | _ | _ | _ | _ | | | _ | _ | _ | |
| Craig County 40122 Board | School | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ |
| Culpeper Cou 40123 School Board | ınty İ | _ | _ | _ | _ | | _ | _ | _ | _ | _ | _ | | _ | _ | _ | _ |

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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 | LESS: FY 2019 | Deferred | PLUS: FY 2019 | PLUS: FY 2019 | PLUS: FY 2019 | | | Calculated | | |
| | | | | | Deferred | Inflows | Deferred | Deferred | Outflows | Deferred | Deferred | Deferred | PLUS: FY 2019 | LESS: FY 2019 | 6/30/2019 | Actual | |
| | | 6/30/2018 | PLUS: FY 2018 | LESS: FY 2018 | Inflows | Expected | Inflows | Inflows | Expected | Outflows | Outflows | Outflows | Employer | Normal | Net | 6/30/2019 | |
| Employer | | Net OPEB | Deferred | Deferred | Investment | vs Actual | Change In | Change In | vs Actual | Investment | Change In | Change In | OPEB | Employer | OPEB | Net OPEB | |
| Code | Entity | Liability | Inflows | Outflows | Experience | Experience | Assumptions | Proportion | Experience | Experience | Assumptions | Proportion | Expense | Contributions | Liability | Liability | Difference |
| C 40124 S | umberland County chool Board | _ | _ | _ | _ | _ | | _ | _ | _ | _ | _ | _ | <u> </u> | _ | _ | _ |
| D 40125 S | lickenson County chool Board | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ |
| 40126 S | linwiddie County chool Board | _ | _ | _ | _ | | _ | _ | _ | _ | _ | _ | | _ | _ | _ | _ |
| 40128 S | ssex County Public chools | 3,000 | _ | _ | _ | 333 | _ | _ | _ | 11 | 471 | 93 | 8,356 | 8,838 | 2,760 | 2,760 | _ |
| Fa 40129 B | airfax County School oard | _ | _ | _ | _ | | _ | _ | _ | _ | _ | _ | | _ | _ | _ | _ |
| 40130 S | auquier County chool Board | _ | _ | _ | _ | | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ |
| 40131 B | loyd County School oard | _ | _ | _ | _ | | _ | _ | _ | _ | _ | _ | | _ | _ | _ | _ |
| 40132 P | luvanna County ublic Schools | _ | _ | _ | _ | | _ | _ | _ | _ | _ | _ | | _ | _ | _ | _ |
| 40133 S | ranklin County Public chools | _ | _ | _ | _ | | _ | _ | _ | _ | _ | _ | | _ | _ | _ | _ |
| 40134 S | rederick County chool Board | _ | _ | _ | | | _ | _ | | _ | _ | | | _ | _ | _ | _ |
| 40135 G | iles County Schools | _ | _ | _ | _ | - | - | _ | _ | _ | _ | _ | | | _ | _ | _ |
| G 40136 S | lloucester County chool Board | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ |
| G 40137 S | loochland County Ichool Board | 7,000 | _ | _ | | - 668 | _ | 361 | | 21 | 945 | | 16,700 | 18,101 | 5,536 | 5,536 | _ |
| G 40138 S | irayson County chool Board | _ | _ | _ | _ | _ | _ | _ | _ | | _ | _ | _ | <u> </u> | | _ | _ |

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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 | LESS: FY 2019 | Deferred | PLUS: FY 2019 | PLUS: FY 2019 | PLUS: FY 2019 | | | Calculated | | |
| | | | | | Deferred | Inflows | Deferred | Deferred | Outflows | Deferred | Deferred | Deferred | PLUS: FY 2019 | LESS: FY 2019 | 6/30/2019 | Actual | |
| | | 6/30/2018 | PLUS: FY 2018 | LESS: FY 2018 | Inflows | Expected | Inflows | Inflows | Expected | Outflows | Outflows | Outflows | Employer | Normal | Net | 6/30/2019 | |
| Employer | | Net OPEB | Deferred | Deferred | Investment | vs Actual | Change In | Change In | vs Actual | Investment | Change In | Change In | OPEB | Employer | OPEB | Net OPEB | |
| Code | Entity | Liability | Inflows | Outflows | Experience | Experience | Assumptions | Proportion | Experience | Experience | Assumptions | Proportion | Expense | Contributions | Liability | Liability | Difference |
| 40139 S | Greene County Public Schools | _ | _ | | _ | | _ | _ | | | _ | | . <u>-</u> | _ | _ | _ | _ |
| 40140 S | Greensville County School Board | _ | _ | | _ | | _ | _ | _ | | _ | | . <u> </u> | | _ | _ | _ |
| 40141 E | Halifax County School Board | _ | _ | _ | _ | _ | | _ | _ | _ | _ | _ | _ | | _ | | _ |
| 40142 S | Hanover County School Board | _ | _ | _ | _ | _ | _ | _ | _ | | _ | _ | | | _ | _ | _ |
| 40143 E | Henrico County School Board | _ | _ | | _ | _ | _ | _ | _ | | _ | | . <u> </u> | - — | _ | _ | _ |
| 40144 S | Henry County Public Schools | _ | _ | _ | _ | _ | _ | _ | _ | | _ | _ | . <u> </u> | _ | _ | _ | _ |
| 40145 F | Highland County Public Schools | _ | _ | | _ | _ | _ | _ | _ | | _ | | . <u> </u> | - — | _ | _ | _ |
| 40146 S | sle of Wight County Schools | 10,000 | 1,000 | 1,000 | _ | 907 | _ | _ | _ | 29 | 1,284 | 154 | 22,76 | 25,798 | 7,523 | 7,523 | _ |
| 40148 S | King George County School Board | _ | _ | | _ | | _ | _ | _ | | _ | | . <u>-</u> | - — | _ | _ | _ |
| 40149 S | King & Queen County School Board | _ | _ | | _ | _ | _ | _ | _ | | _ | | . <u> </u> | - — | _ | _ | _ |
| 40150 S | King William County School Board | _ | _ | | _ | | _ | _ | | | _ | | . <u>-</u> | | _ | _ | _ |
| 40151 F | Lancaster County Public Schools | _ | _ | | _ | | _ | _ | | | _ | | . <u>-</u> | | _ | _ | _ |
| 40152 E | Lee County School Board | 8,000 | _ | _ | _ | 544 | . — | 1,447 | _ | 17 | 770 | _ | 13,476 | 15,765 | 4,507 | 4,507 | _ |

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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 | LESS: FY 2019 | Deferred | PLUS: FY 2019 | PLUS: FY 2019 | PLUS: FY 2019 | | | Calculated | | |
| | | | | | Deferred | Inflows | Deferred | Deferred | Outflows | Deferred | Deferred | Deferred | PLUS: FY 2019 | LESS: FY 2019 | 6/30/2019 | Actual | |
| | | 6/30/2018 | PLUS: FY 2018 | LESS: FY 2018 | Inflows | Expected | Inflows | Inflows | Expected | Outflows | Outflows | Outflows | Employer | Normal | Net | 6/30/2019 | |
| Employer | | Net OPEB | Deferred | Deferred | Investment | vs Actual | Change In | Change In | vs Actual | Investment | Change In | Change In | OPEB | Employer | OPEB | Net OPEB | |
| Code | Entity | Liability | Inflows | Outflows | Experience | Experience | Assumptions | Proportion | Experience | Experience | Assumptions | Proportion | Expense | Contributions | Liability | Liability | Difference |
| 40153 S | Loudoun County School Board | 246,000 | 24,000 | 37,000 | | 23,371 | _ | 1 | _ | 746 | 33,064 | 15,271 | 586,972 | 652,023 | 193,658 | 193,658 | _ |
| 40154 S | Louisa County Public Schools | | | _ | | _ | _ | _ | _ | _ | _ | | _ | <u> </u> | | _ | _ |
| 40155 S | Lunenburg County School Board | _ | _ | _ | _ | | _ | _ | _ | _ | _ | _ | | _ | _ | _ | _ |
| 40156 S | Madison County School Board | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | | _ | _ | _ | _ |
| 40157 S | Mathews County School Board | 2,000 | _ | _ | _ | 134 | _ | _ | _ | 4 | 190 | 38 | 3,376 | 4,359 | 1,115 | 1,115 | _ |
| 40158 S | Mecklenburg County School Board | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | | _ | _ | _ |
| 40159 S | Middlesex County School Board | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | | _ | _ | _ |
| 40160 S | Montgomery County School Board | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | | _ | _ | _ |
| 40162 S | Nelson County Public Schools | 4,000 | _ | _ | _ | 335 | _ | 96 | _ | 11 | 473 | _ | 8,360 | 9,644 | 2,769 | 2,769 | _ |
| 40163 S | New Kent County School Board | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | | _ | _ | _ | _ |
| 40165 S | Northampton County Schools | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | | _ | _ | _ | _ |
| | Northumberland County School Board | _ | _ | _ | _ | | _ | _ | _ | _ | _ | _ | | _ | _ | | _ |
| 40167 S | Nottoway County School Board | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | <u> </u> | _ | _ | _ |

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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 | LESS: FY 2019 | Deferred | PLUS: FY 2019 | PLUS: FY 2019 | PLUS: FY 2019 | | | Calculated | | |
| | | | | | Deferred | Inflows | Deferred | Deferred | Outflows | Deferred | Deferred | Deferred | PLUS: FY 2019 | LESS: FY 2019 | 6/30/2019 | Actual | |
| | | 6/30/2018 | PLUS: FY 2018 | LESS: FY 2018 | Inflows | Expected | Inflows | Inflows | Expected | Outflows | Outflows | Outflows | Employer | Normal | Net | 6/30/2019 | |
| Employer | | Net OPEB | Deferred | Deferred | Investment | vs Actual | Change In | Change In | vs Actual | Investment | Change In | Change In | OPEB | Employer | OPEB | Net OPEB | |
| Code | Entity | Liability | Inflows | Outflows | Experience | Experience | Assumptions | Proportion | Experience | Experience | Assumptions | Proportion | Expense | Contributions | Liability | Liability | Difference |
| | Orange County Public Schools | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ |
| 40169 | Page County Public Schools | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ |
| 40170 | Patrick County School Board | _ | _ | _ | _ | | _ | _ | _ | _ | _ | _ | | _ | _ | _ | _ |
| 40171 | Pittsylvania County School Board | _ | _ | _ | _ | | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ |
| 40172 | Powhatan County School Board | _ | _ | _ | _ | | _ | _ | _ | _ | _ | _ | | _ | _ | _ | _ |
| 40173 | Prince Edward County School Board | _ | _ | _ | _ | | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ |
| 40174 | Prince George County School Board | _ | _ | _ | _ | | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ |
| 40176 | Prince William County School Board | _ | _ | _ | _ | | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ |
| 40177 | Pulaski County School Board | _ | _ | _ | _ | | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ |
| 40178 | Rappahannock County School Board | _ | _ | _ | _ | | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ |
| 40179 | Richmond County School Board | _ | _ | _ | _ | | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ |
| 40180 | Roanoke County School Board | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ |
| 40181 | Rockbridge County School Board | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ |

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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 | LESS: FY 2019 | Deferred | PLUS: FY 2019 | PLUS: FY 2019 | PLUS: FY 2019 | | | Calculated | | |
| | | | | | Deferred | Inflows | Deferred | Deferred | Outflows | Deferred | Deferred | Deferred | PLUS: FY 2019 | LESS: FY 2019 | 6/30/2019 | Actual | |
| | | 6/30/2018 | PLUS: FY 2018 | LESS: FY 2018 | Inflows | Expected | Inflows | Inflows | Expected | Outflows | Outflows | Outflows | Employer | Normal | Net | 6/30/2019 | |
| Employer | | Net OPEB | Deferred | Deferred | Investment | vs Actual | Change In | Change In | vs Actual | Investment | Change In | Change In | OPEB | Employer | OPEB | Net OPEB | |
| Code | Entity | Liability | Inflows | Outflows | Experience | Experience | Assumptions | Proportion | Experience | Experience | Assumptions | Proportion | Expense | Contributions | Liability | Liability | Difference |
| 40182 S | Rockingham County School Board | _ | _ | _ | _ | | _ | _ | _ | _ | _ | _ | | _ | _ | _ | _ |
| 40183 E | Russell County School Board | 6,000 | _ | _ | _ | 464 | . <u>—</u> | 214 | _ | 15 | 656 | _ | 11,598 | 13,748 | 3,843 | 3,843 | _ |
| 40184 E | Scott County School Board | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | <u> </u> | _ | _ | _ |
| 40185 S | Shenandoah County School Board | _ | _ | _ | _ | | _ | _ | _ | _ | _ | _ | | _ | _ | _ | _ |
| 40186 E | Smyth County School Board | _ | _ | | _ | | _ | _ | _ | _ | _ | _ | | _ | _ | _ | _ |
| 40187 S | Southampton County School Board | 5,000 | _ | | _ | 489 | _ | _ | _ | 16 | 691 | 494 | 12,284 | 13,951 | 4,045 | 4,045 | _ |
| 40188 | Spotsylvania County School Board | _ | _ | _ | _ | | _ | _ | _ | _ | _ | _ | | _ | _ | _ | _ |
| 40189 | Stafford County School Board | _ | _ | _ | _ | | . <u> </u> | _ | _ | _ | _ | _ | | _ | _ | _ | _ |
| 40190 3 | Surry County Schools | _ | _ | _ | _ | _ | · — | _ | _ | _ | _ | _ | | · _ | _ | _ | _ |
| 40191 E | Sussex County School Board | _ | _ | _ | _ | | . <u> </u> | _ | _ | _ | _ | _ | | _ | _ | _ | _ |
| 40192 S | Fazewell County Schools | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | | _ |
| \ 40193 E | Warren County School Board | _ | | | _ | | _ | _ | _ | _ | _ | _ | | _ | _ | _ | _ |
| 40195 S | Washington County School Board | 9,000 | 1,000 | 1,000 | _ | 869 | _ | _ | _ | 28 | 1,230 | 58 | 21,795 | 24,036 | 7,206 | 7,206 | _ |
| 40196 S | Westmoreland County School Board | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | <u> </u> | _ | _ | _ |

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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 | LESS: FY 2019 | Deferred | PLUS: FY 2019 | PLUS: FY 2019 | PLUS: FY 2019 | | | Calculated | | |
| | | | | | Deferred | Inflows | Deferred | Deferred | Outflows | Deferred | Deferred | Deferred | PLUS: FY 2019 | LESS: FY 2019 | 6/30/2019 | Actual | |
| | | 6/30/2018 | PLUS: FY 2018 | LESS: FY 2018 | Inflows | Expected | Inflows | Inflows | Expected | Outflows | Outflows | Outflows | Employer | Normal | Net | 6/30/2019 | |
| Employer | | Net OPEB | Deferred | Deferred | Investment | vs Actual | Change In | Change In | vs Actual | Investment | Change In | Change In | OPEB | Employer | OPEB | Net OPEB | |
| Code | Entity | Liability | Inflows | Outflows | Experience | Experience | Assumptions | Proportion | Experience | Experience | Assumptions | Proportion | Expense | Contributions | Liability | Liability | Difference |
| 40197 E | Wise County School Board | | _ | _ | _ | | _ | _ | _ | _ | _ | | . <u> </u> | <u> </u> | _ | _ | _ |
| 40198 E | Wythe County School Board | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ |
| 40199 E | York County School Board | 21,000 | 2,000 | 1,000 | _ | 1,827 | _ | 673 | _ | 58 | 2,585 | | 45,701 | 52,704 | 15,140 | 15,140 | _ |
| 40200 E | Alexandria City School Board | _ | _ | _ | _ | | _ | _ | _ | _ | _ | | . <u>-</u> | _ | _ | _ | _ |
| 40201 E | Bristol City School Board | 3,000 | _ | _ | _ | 280 | _ | 53 | _ | 9 | 396 | | 7,012 | 7,763 | 2,321 | 2,321 | _ |
| 40202 S | Buena Vista City Schools | _ | _ | _ | _ | | _ | _ | _ | _ | _ | | . <u> </u> | _ | _ | _ | _ |
| 40203 | Charlottesville Public Schools | _ | _ | _ | _ | | _ | _ | _ | _ | _ | | <u> </u> | _ | _ | _ | _ |
| 40205 I | Danville City Schools | _ | _ | _ | _ | | | _ | _ | _ | _ | _ | | | _ | _ | _ |
| 40206 S | Fredericksburg City Schools | _ | _ | _ | _ | | _ | _ | _ | _ | _ | | . <u>-</u> | _ | _ | _ | _ |
| 40207 H | Hampton City Schools | _ | _ | _ | _ | | | | _ | _ | _ | _ | - | | _ | _ | _ |
| 40208 S | Harrisonburg City School Board | _ | _ | _ | _ | | _ | _ | _ | _ | _ | | . <u>-</u> | _ | _ | _ | _ |
| 40209 E | Hopewell City School Board | _ | _ | _ | _ | | _ | _ | _ | _ | _ | | <u> </u> | _ | _ | _ | _ |
| 40210 S | Lynchburg Public Schools | _ | _ | _ | _ | | _ | _ | _ | _ | _ | | | _ | _ | _ | _ |
| 40211 S | Newport News Public Schools | _ | _ | _ | _ | _ | | _ | _ | _ | _ | _ | _ | <u> </u> | _ | _ | _ |

Virginia Retirement System
Finance Division
Analysis of Change in Net OPEB Liability - VLDP Teacher
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 | LESS: FY 2019 | Deferred | PLUS: FY 2019 | PLUS: FY 2019 | PLUS: FY 2019 | | | Calculated | | |
| | | | | | Deferred | Inflows | Deferred | Deferred | Outflows | Deferred | Deferred | Deferred | PLUS: FY 2019 | LESS: FY 2019 | 6/30/2019 | Actual | |
| | | 6/30/2018 | PLUS: FY 2018 | LESS: FY 2018 | Inflows | Expected | Inflows | Inflows | Expected | Outflows | Outflows | Outflows | Employer | Normal | Net | 6/30/2019 | |
| Employer | | Net OPEB | Deferred | Deferred | Investment | vs Actual | Change In | Change In | vs Actual | Investment | Change In | Change In | OPEB | Employer | OPEB | Net OPEB | |
| Code | Entity | Liability | Inflows | Outflows | Experience | Experience | Assumptions | Proportion | Experience | Experience | Assumptions | Proportion | Expense | Contributions | Liability | Liability | Difference |
| 40212 N | lorfolk Public Schools | 91,000 | 21,000 | 7,000 | _ | 8,474 | _ | 13,165 | _ | 271 | 11,988 | _ | 211,041 | 236,443 | 70,218 | 70,218 | _ |
| Pe 40213 Sc | etersburg City chools | _ | _ | _ | _ | _ | _ | _ | _ | _ | | _ | _ | <u> </u> | _ | _ | _ |
| Po 40214 Bo | ortsmouth School oard | 35,000 | 2,000 | 2,000 | _ | 3,235 | _ | 14 | _ | 103 | 4,577 | _ | - 81,061 | 90,681 | 26,811 | 26,811 | _ |
| Ra 40215 Bo | adford City School oard | 3,000 | _ | _ | _ | 226 | - | 128 | _ | 7 | 321 | _ | - 5,680 | 6,771 | 1,883 | 1,883 | _ |
| Ri 40216 So | ichmond Public chools | _ | _ | _ | _ | _ | <u> </u> | _ | _ | _ | | _ | _ | <u> </u> | _ | _ | _ |
| Ro 40217 Bo | oanoke City School oard | _ | _ | _ | _ | | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ |
| 40219 St | taunton City Schools | | | | _ | | | | _ | _ | _ | _ | | | | _ | _ |
| 40220 Bo | uffolk City School oard | 30,000 | 2,000 | 2,000 | _ | 2,754 | _ | _ | _ | 88 | 3,895 | 187 | 68,996 | 77,598 | 22,814 | 22,814 | _ |
| 40222 Sc | Vinchester Public chools | _ | _ | _ | _ | | _ | _ | _ | _ | _ | _ | | _ | _ | _ | _ |
| 40223 Sc | Martinsville City chools | _ | _ | _ | _ | | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ |
| Fa 40224 So | alls Church Public chools | _ | _ | _ | _ | | _ | _ | _ | _ | _ | _ | <u> </u> | _ | _ | _ | _ |
| 40225 Sc | olonial Heights City chools | _ | _ | _ | _ | | _ | _ | _ | _ | _ | _ | - <u>-</u> | _ | _ | _ | _ |
| Co 40230 Bo | ovington City School oard | _ | _ | _ | _ | | _ | _ | _ | _ | _ | _ | - <u>-</u> | _ | _ | _ | _ |
| Fa 40231 Bo | airfax City School oard | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | | _ | _ | _ | _ |

Virginia Retirement System
Finance Division
Analysis of Change in Net OPEB Liability - VLDP Teacher
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 | LESS: FY 2019 | Deferred | PLUS: FY 2019 | PLUS: FY 2019 | PLUS: FY 2019 | | | Calculated | | |
| | | | | | Deferred | Inflows | Deferred | Deferred | Outflows | Deferred | Deferred | Deferred | PLUS: FY 2019 | LESS: FY 2019 | 6/30/2019 | Actual | |
| | | 6/30/2018 | PLUS: FY 2018 | LESS: FY 2018 | Inflows | Expected | Inflows | Inflows | Expected | Outflows | Outflows | Outflows | Employer | Normal | Net | 6/30/2019 | |
| Employer | | Net OPEB | Deferred | Deferred | Investment | vs Actual | Change In | Change In | vs Actual | Investment | Change In | Change In | OPEB | Employer | OPEB | Net OPEB | |
| Code E | ntity | Liability | Inflows | Outflows | Experience | Experience | Assumptions | Proportion | Experience | Experience | Assumptions | Proportion | Expense | Contributions | Liability | Liability | Difference |
| Franklin C 40232 Schools | City Public | 5,000 | _ | _ | _ | 385 | _ | 572 | _ | 12 | 544 | | 9,566 | 10,981 | 3,184 | 3,184 | _ |
| Chesapea 40233 Schools | ake Public | 58,000 | 6,000 | 5,000 | _ | 5,772 | _ | _ | _ | 184 | 8,166 | 3,641 | 144,986 | 162,377 | 47,828 | 47,828 | _ |
| Virginia B 40234 School Bo | Beach City oard | 127,000 | 10,000 | 9,000 | _ | 11,884 | _ | _ | _ | 380 | 16,814 | 816 | 297,847 | 333,487 | 98,486 | 98,486 | |
| Manassa: 40236 Schools | s Park City | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | <u> </u> | _ | _ | _ |
| Town of \ 40306 School Bo | West Point oard | 1,000 | _ | _ | _ | 117 | _ | _ | _ | 4 | 165 | 69 | 2,929 | 3,084 | 966 | 966 | _ |
| Lexington 40307 Board | n City School | _ | _ | _ | _ | | _ | _ | _ | _ | _ | | | _ | _ | _ | _ |
| Waynesb 40308 Schools | ooro Public | _ | _ | _ | _ | | _ | _ | _ | _ | _ | | | _ | _ | _ | _ |
| Town of 0 40309 Beach Sci | Colonial hools | _ | _ | _ | _ | | _ | _ | _ | _ | _ | _ | | _ | _ | _ | _ |
| 40313 Galax City | y Schools | 2,000 | _ | _ | _ | 154 | | _ | _ | 5 | 217 | 77 | 3,851 | 4,725 | 1,271 | 1,271 | _ |
| 40314 Norton Ci | ity Schools | 1,000 | _ | _ | _ | 121 | _ | _ | _ | 4 | 171 | 44 | 3,032 | 3,129 | 1,001 | 1,001 | |
| Manassa: 40332 Schools | s City | _ | _ | _ | _ | | _ | _ | _ | _ | _ | | | _ | _ | _ | _ |
| 40335 City of Sa | alem Schools | _ | | | _ | · — | _ | | _ | _ | _ | | · — | _ | _ | | _ |
| Williamsb City Coun 40402 Board | burg-James nty School | 25,000 | 2,000 | 2,000 | | 2,308 | _ | 607 | _ | 74 | 3,265 | _ | 57,753 | 64,053 | 19,124 | 19,124 | _ |
| Poquoson 40403 Schools | n City Public | _ | _ | _ | _ | | <u> </u> | _ | _ | _ | _ | | | _ | _ | _ | _ |

Virginia Retirement System
Finance Division
Analysis of Change in Net OPEB Liability - VLDP Teacher
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 | LESS: FY 2019 | Deferred | PLUS: FY 2019 | PLUS: FY 2019 | PLUS: FY 2019 | | | Calculated | | |
| | | | | | Deferred | Inflows | Deferred | Deferred | Outflows | Deferred | Deferred | Deferred | PLUS: FY 2019 | LESS: FY 2019 | 6/30/2019 | Actual | |
| | | 6/30/2018 | PLUS: FY 2018 | LESS: FY 2018 | Inflows | Expected | Inflows | Inflows | Expected | Outflows | Outflows | Outflows | Employer | Normal | Net | 6/30/2019 | |
| Employer | | Net OPEB | Deferred | Deferred | Investment | vs Actual | Change In | Change In | vs Actual | Investment | Change In | Change In | OPEB | Employer | OPEB | Net OPEB | |
| Code | Entity | Liability | Inflows | Outflows | Experience | Experience | Assumptions | Proportion | Experience | Experience | Assumptions | Proportion | Expense | Contributions | Liability | Liability | Difference |
| 40410 | Valley Vocational Technical Center | 1,000 | _ | | _ | 96 | _ | _ | _ | 3 | 137 | 106 | 2,444 | 2,790 | 804 | 804 | _ |
| | Charlottesville/ Albemarle Vo-Tech Center | _ | _ | | _ | | | _ | | _ | _ | _ | | _ | _ | _ | _ |
| | The Pruden Center for Industry and Technology | 0 | _ | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | _ | 0 | _ |
| 40414 | Jackson River Technical Center | _ | _ | | _ | | _ | _ | _ | _ | _ | _ | | _ | _ | _ | _ |
| 40415 | New Horizons Technical Center | 4,000 | _ | | _ | 355 | _ | 415 | _ | 11 | 503 | _ | 8,860 | 9,659 | 2,945 | 2,945 | _ |
| | Northern Neck Regional Vocational Center | 1,000 | _ | _ | _ | 41 | _ | 94 | _ | 1 | 59 | _ | 1,034 | 1,613 | 346 | 346 | _ |
| 40417 | Rowanty Vocational Technical Center | _ | _ | | _ | | _ | _ | _ | _ | _ | _ | | _ | _ | _ | _ |
| 40418 | Amelia-Nottoway Vocational Center | 0 | _ | _ | 0 | 19 | 0 | 0 | 0 | 1 | 27 | 27 | 480 | 358 | 158 | 158 | _ |
| | Northern Neck Regional Special Education Program | 0 | _ | _ | 0 | 40 | 0 | 247 | 0 | 1 | 57 | 0 | 981 | 419 | 333 | 333 | _ |
| | Maggie Walker Governor's School for Govt & Intl Studies | 1000 | _ | | 0 | 62 | . 0 | 175 | 0 | 2 | 88 | 0 | 1549 | 1883 | 519 | 519 | _ |
| 40424 | Appomattox Region Governor's School | 0 | _ | _ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | _ |

Virginia Retirement System
Finance Division
Analysis of Change in Net OPEB Liability - VLDP Teacher
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 | LESS: FY 2019 | Deferred | PLUS: FY 2019 | PLUS: FY 2019 | PLUS: FY 2019 | | | Calculated | | |
| | | | | | Deferred | Inflows | Deferred | Deferred | Outflows | Deferred | Deferred | Deferred | PLUS: FY 2019 | LESS: FY 2019 | 6/30/2019 | Actual | |
| | | 6/30/2018 | PLUS: FY 2018 | LESS: FY 2018 | Inflows | Expected | Inflows | Inflows | Expected | Outflows | Outflows | Outflows | Employer | Normal | Net | 6/30/2019 | |
| Employer | | Net OPEB | Deferred | Deferred | Investment | vs Actual | Change In | Change In | vs Actual | Investment | Change In | Change In | OPEB | Employer | OPEB | Net OPEB | |
| Code | Entity | Liability | Inflows | Outflows | Experience | Experience | Assumptions | Proportion | Experience | Experience | Assumptions | Proportion | Expense | Contributions | Liability | Liability | Difference |
| | Bridging Communities Regional Career and Tech Center | 0 | _ | _ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | C |) (| 0 | _ | 0 | _ |
| | Total for VRS Virginia Local Disability Program - Teachers | 754,000 | 74,000 | 69,000 | | 70,153 | _ | 21,075 | | 2,242 | 99,249 | 21,075 | 1,757,608 | 3 1,966,608 | 581,338 | 581,338 | _ |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | C |) (|) 0 | _ | | _ |