



Virginia
Retirement
System

**VIRGINIA RETIREMENT SYSTEM
GROUP LIFE INSURANCE PLAN**

GASB No. 75 Schedules

With Independent Auditor's Report Thereon

For the Plan Year Ended June 30, 2018

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Commonwealth of Virginia

Auditor of Public Accounts

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July 26, 2019

Board of Trustees
Virginia Retirement System
1200 E. Main Street
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INDEPENDENT AUDITOR'S REPORT

Report on the Schedules

We have audited the accompanying schedule of employer allocations of the Virginia Retirement System Group Life Insurance (GLI) Plan, as of and for the year ended June 30, 2018, and the related notes. We have also audited the total for all employers of the columns titled net GLI OPEB liability, total GLI OPEB expense, total deferred outflows of resources, and total deferred inflows of resources (specified column totals) included in the accompanying schedule of net GLI OPEB liability and total GLI OPEB expense and the schedule of deferred outflows and deferred inflows of resources by employer of the Virginia Retirement System Group Life Insurance Plan, as of and for the year ended June 30, 2018, and the related notes.

Management's Responsibility for the Schedule

The Virginia Retirement System's 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 opinions on the schedule of employer allocations and the specified column totals included in the schedule of net GLI OPEB liability and total GLI OPEB expense and the schedule of deferred outflows and deferred inflows of resources by employer based on our audit. We conducted our audit 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 net GLI OPEB liability and total GLI OPEB expense and the schedule of deferred outflows and deferred inflows of resources 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 the specified column totals included in the schedule of net GLI OPEB liability and total GLI OPEB expense and the schedule of deferred outflows and deferred inflows of resources 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 the specified column totals included in the schedule of net GLI OPEB liability and total GLI OPEB expense and the schedule of deferred outflows and deferred inflows of resources 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 the specified column totals included in the schedule of net GLI OPEB liability and total GLI OPEB expense and the schedule of deferred outflows and deferred inflows of resources 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 the Virginia Retirement System management, as well as evaluating the overall presentation of the schedule of employer allocations and the specified column totals included in the schedule of net GLI OPEB liability and total GLI OPEB expense and the schedule of deferred outflows and deferred inflows of resources by employer.

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

Opinions

In our opinion, the schedules referred to above present fairly, in all material respects, the employer allocations and the net GLI OPEB liability, total GLI OPEB expense, total deferred outflows of resources, and total deferred inflows of resources for the total of all participating employers for the Virginia Retirement System Group Life Insurance Plan as of and for the year ended June 30, 2018, in accordance with accounting principles generally accepted in the United States of America.

Other Matter

We have audited, in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in Government Auditing Standards, issued by the Comptroller General of the United States, the financial statements of the Virginia Retirement System as of and for the year ended June 30, 2018, and our report thereon, dated December 14, 2018, expressed an unmodified opinion on those financial statements.

Restriction on Use

Our report is intended solely for the information and use of the Virginia Retirement System management, the Virginia Retirement System Board of Trustees, the Commonwealth Joint Legislative Audit and Review Commission, and the Virginia Retirement System Group Life Insurance Plan employers and their auditors, and is not intended to be and should not be used by anyone other than these specified parties.

AUDITOR OF PUBLIC ACCOUNTS

ZLB/vks

**Virginia Retirement System
VRS Group Life Insurance Plan
Schedule of Employer Allocations
For the Plan Year Ended and Measurement Date of June 30, 2018**

Employer Code	Employer	Employer Contributions	Employer Allocation Percentage
State:			
1XXXX	Judicial Retirement System Employees	\$ 355,067	0.35909%
2XXXX	State Police Officers Retirement System Employees	646,379	0.65372%
35885	Fort Monroe Federal Area Development Authority	8,163	0.00825%
3XXXX	All Other State Agencies	27,382,503	27.69359%
7XXXX	Virginia Law Officers' Retirement System Employees	1,802,890	1.82337%
	Sub-total State	<u>\$ 30,195,002</u>	<u>30.53802%</u>
Teachers:			
40100	Accomack County School Board	\$ 145,861	0.14752%
40101	Albemarle County Schools	476,810	0.48223%
40102	Alleghany County School Board	59,104	0.05978%
40103	Amelia County School Board	44,044	0.04455%
40104	Amherst County School Board	119,160	0.12051%
40105	Appomattox County School Board	58,937	0.05960%
40106	Arlington Public Schools	1,579,022	1.59696%
40107	Augusta County School Board	300,073	0.30348%
40108	Bath County School Board	23,937	0.02421%
40109	Bedford County School Board	261,339	0.26431%
40110	Bland County School Board	18,870	0.01909%
40111	Botetourt County Schools	138,833	0.14041%
40112	Brunswick County Public Schools	48,411	0.04896%
40113	Buchanan County School Board	72,071	0.07289%
40114	Buckingham County School Board	55,515	0.05615%
40115	Campbell County School Board	199,479	0.20174%
40116	Caroline County School Board	109,986	0.11123%
40117	Carroll County School Board	111,077	0.11234%
40118	Charles City County School Board	23,153	0.02342%
40119	Charlotte County School Board	59,350	0.06002%
40120	Chesterfield County School Board	1,579,618	1.59756%
40121	Clarke County School Board	64,238	0.06497%
40122	Craig County School Board	18,102	0.01831%
40123	Culpeper County School Board	231,040	0.23366%
40124	Cumberland County School Board	40,236	0.04069%
40125	Dickenson County School Board	49,907	0.05047%
40126	Dinwiddie County School Board	119,824	0.12119%

Virginia Retirement System
VRS Group Life Insurance Plan
Schedule of Employer Allocations - continued
For the Plan Year Ended and Measurement Date of June 30, 2018

Employer Code	Employer	Employer Contributions	Employer Allocation Percentage
40128	Essex County Public Schools	40,456	0.04092%
40129	Fairfax County School Board	7,700,163	7.78762%
40130	Fauquier County School Board	379,887	0.38420%
40131	Floyd County School Board	55,389	0.05602%
40132	Fluvanna County Public Schools	125,992	0.12742%
40133	Franklin County Public Schools	224,350	0.22690%
40134	Frederick County School Board	460,309	0.46554%
40135	Giles County Schools	65,276	0.06602%
40136	Gloucester County School Board	156,051	0.15783%
40137	Goochland County School Board	80,246	0.08116%
40138	Grayson County School Board	46,651	0.04718%
40139	Greene County Public Schools	90,880	0.09191%
40140	Greensville County School Board	67,985	0.06876%
40141	Halifax County School Board	141,191	0.14280%
40142	Hanover County School Board	528,335	0.53434%
40143	Henrico County School Board	1,394,307	1.41015%
40144	Henry County Public Schools	191,084	0.19325%
40145	Highland County Public Schools	10,141	0.01026%
40146	Isle of Wight County Schools	154,209	0.15596%
40148	King George County School Board	119,167	0.12052%
40149	King & Queen County School Board	24,025	0.02430%
40150	King William County School Board	62,360	0.06307%
40151	Lancaster County Public Schools	40,425	0.04088%
40152	Lee County School Board	98,008	0.09912%
40153	Loudoun County School Board	3,021,689	3.05602%
40154	Louisa County Public Schools	148,934	0.15063%
40155	Lunenburg County School Board	40,581	0.04104%
40156	Madison County School Board	53,136	0.05374%
40157	Mathews County School Board	33,525	0.03391%
40158	Mecklenburg County School Board	119,391	0.12075%
40159	Middlesex County School Board	40,591	0.04105%
40160	Montgomery County School Board	268,183	0.27123%
40162	Nelson County Public Schools	60,778	0.06147%
40163	New Kent County School Board	85,595	0.08657%
40165	Northampton County Schools	48,255	0.04880%
40166	Northumberland County School Board	43,245	0.04373%
40167	Nottoway County School Board	58,321	0.05898%
40168	Orange County Public Schools	139,623	0.14121%

Virginia Retirement System
VRS Group Life Insurance Plan
Schedule of Employer Allocations - continued
For the Plan Year Ended and Measurement Date of June 30, 2018

Employer Code	Employer	Employer Contributions	Employer Allocation Percentage
40169	Page County Public Schools	95,758	0.09685%
40170	Patrick County School Board	68,408	0.06919%
40171	Pittsylvania County School Board	229,768	0.23238%
40172	Powhatan County School Board	122,766	0.12416%
40173	Prince Edward County School Board	62,728	0.06344%
40174	Prince George County School Board	170,026	0.17196%
40176	Prince William County School Board	2,835,342	2.86755%
40177	Pulaski County School Board	113,007	0.11429%
40178	Rappahannock County School Board	29,343	0.02967%
40179	Richmond County School Board	34,310	0.03470%
40180	Roanoke County School Board	400,860	0.40541%
40181	Rockbridge County School Board	86,143	0.08712%
40182	Rockingham County School Board	346,169	0.35010%
40183	Russell County School Board	95,556	0.09664%
40184	Scott County School Board	104,382	0.10557%
40185	Shenandoah County School Board	181,505	0.18357%
40186	Smyth County School Board	116,005	0.11732%
40187	Southampton County School Board	68,336	0.06911%
40188	Spotsylvania County School Board	657,806	0.66528%
40189	Stafford County School Board	797,564	0.80662%
40190	Surry County Schools	41,303	0.04177%
40191	Sussex County School Board	41,136	0.04160%
40192	Tazewell County Schools	134,252	0.13578%
40193	Warren County School Board	155,126	0.15689%
40195	Washington County School Board	183,431	0.18551%
40196	Westmoreland County School Board	50,861	0.05144%
40197	Wise County School Board	134,816	0.13635%
40198	Wythe County School Board	107,944	0.10917%
40199	York County School Board	353,658	0.35768%
40200	Alexandria City School Board	784,175	0.79308%
40201	Bristol City School Board	62,876	0.06359%
40202	Buena Vista City Schools	27,208	0.02752%
40203	Charlottesville Public Schools	202,506	0.20480%
40205	Danville City Schools	163,879	0.16574%
40206	Fredericksburg City Schools	120,947	0.12232%
40207	Hampton City Schools	573,445	0.57996%
40208	Harrisonburg City School Board	206,685	0.20903%
40209	Hopewell City School Board	129,830	0.13131%

Virginia Retirement System
VRS Group Life Insurance Plan
Schedule of Employer Allocations - continued
For the Plan Year Ended and Measurement Date of June 30, 2018

Employer Code	Employer	Employer Contributions	Employer Allocation Percentage
40210	Lynchburg Public Schools	291,719	0.29503%
40211	Newport News Public Schools	842,164	0.85173%
40212	Norfolk Public Schools	1,085,831	1.09817%
40213	Petersburg City Schools	119,197	0.12055%
40214	Portsmouth School Board	423,628	0.42844%
40215	Radford City School Board	45,610	0.04613%
40216	Richmond Public Schools	874,038	0.88397%
40217	Roanoke City School Board	417,321	0.42206%
40219	Staunton City Schools	89,929	0.09095%
40220	Suffolk City School Board	400,608	0.40516%
40222	Winchester Public Schools	154,030	0.15578%
40223	Martinsville City Schools	60,720	0.06141%
40224	Falls Church Public Schools	134,658	0.13619%
40225	Colonial Heights City Schools	99,009	0.10013%
40230	Covington City School Board	28,440	0.02876%
40231	Fairfax City School Board	495	0.00050%
40232	Franklin City Public Schools	36,898	0.03732%
40233	Chesapeake Public Schools	1,208,848	1.22258%
40234	Virginia Beach City School Board	2,131,438	2.15565%
40236	Manassas Park City Schools	113,649	0.11494%
40306	Town of West Point School Board	28,434	0.02876%
40307	Lexington City School Board	14,956	0.01513%
40308	Waynesboro Public Schools	94,068	0.09514%
40309	Town of Colonial Beach Schools	18,904	0.01912%
40313	Galax City Schools	37,106	0.03753%
40314	Norton City Schools	18,573	0.01878%
40332	Manassas City Schools	279,643	0.28282%
40335	City of Salem Schools	117,279	0.11861%
40402	Williamsburg-James City County School Board	359,241	0.36332%
40403	Poquoson City Public Schools	60,073	0.06075%
40410	Valley Vocational Technical Center	10,125	0.01024%
40412	Charlottesville/Albemarle Vo-Tech Center	5,276	0.00534%
40413	The Pruden Center for Industry and Technology	—	—%
40414	Jackson River Technical Center	3,155	0.00319%
40415	New Horizons Technical Center	45,596	0.04611%
40416	Northern Neck Regional Vocational Center	5,844	0.00591%
40417	Rowanty Vocational Technical Center	3,575	0.00362%
40418	Amelia-Nottoway Vocational Center	1,124	0.00114%

Virginia Retirement System
VRS Group Life Insurance Plan
Schedule of Employer Allocations - continued
For the Plan Year Ended and Measurement Date of June 30, 2018

Employer Code	Employer	Employer Contributions	Employer Allocation Percentage
40421	Northern Neck Regional Special Education Program	4,552	0.00460%
40423	Maggie Walker Governor's School for Govt & Intl Studies	23,379	0.02365%
40424	Appomattox Region Governor's School	8,824	0.00892%
40425	Bridging Communities Regional Career and Tech Center	2,811	0.00284%
	Sub-total Teachers	<u>\$ 42,217,359</u>	<u>42.69695%</u>

Political Subdivisions:

55100	Accomack County	\$ 60,752	0.06144%
55101	Albemarle County	214,960	0.21740%
55102	Alleghany County	40,691	0.04115%
55103	Amelia County	21,894	0.02214%
55104	Amherst County	45,069	0.04558%
55105	Appomattox County	20,402	0.02063%
55107	Augusta County	109,980	0.11123%
55108	Bath County	13,703	0.01386%
55109	Bedford County	103,036	0.10421%
55110	Bland County	13,000	0.01315%
55111	Botetourt County	59,513	0.06019%
55112	Brunswick County	27,813	0.02813%
55113	Buchanan County	55,079	0.05571%
55114	Buckingham County	21,854	0.02210%
55115	Campbell County	71,047	0.07185%
55116	Caroline County	63,574	0.06429%
55117	Carroll County	41,232	0.04170%
55118	Charles City County	16,621	0.01681%
55119	Charlotte County	23,016	0.02328%
55120	Chesterfield County	982,216	0.99337%
55121	Clarke County	25,064	0.02535%
55122	Craig County	8,530	0.00863%
55123	Culpeper County	96,011	0.09710%
55124	Cumberland County	17,608	0.01781%
55125	Dickenson County	—	—%
55126	Dinwiddie County	51,803	0.05239%
55128	Essex County	20,281	0.02051%
55130	Fauquier County	190,027	0.19219%
55131	Floyd County	22,279	0.02253%
55132	Fluvanna County	36,170	0.03658%
55133	Franklin County	74,023	0.07486%

Virginia Retirement System
VRS Group Life Insurance Plan
Schedule of Employer Allocations - continued
For the Plan Year Ended and Measurement Date of June 30, 2018

Employer Code	Employer	Employer Contributions	Employer Allocation Percentage
55134	Frederick County	214,522	0.21696%
55135	Giles County	31,013	0.03137%
55136	Gloucester County	73,647	0.07448%
55137	Goochland County	59,356	0.06003%
55138	Grayson County	23,405	0.02367%
55139	Greene County	28,334	0.02865%
55140	Greensville County	24,506	0.02478%
55141	Halifax County	41,893	0.04237%
55142	Hanover County	329,075	0.33281%
55143	Henrico County	1,300,072	1.31487%
55144	Henry County	86,111	0.08709%
55145	Highland County	7,223	0.00730%
55146	Isle of Wight County	70,617	0.07142%
55147	James City County	211,025	0.21342%
55148	King George County	56,919	0.05757%
55149	King and Queen County	12,860	0.01301%
55150	King William County	20,360	0.02059%
55151	Lancaster County	25,507	0.02580%
55152	Lee County	26,162	0.02646%
55153	Loudoun County	1,092,793	1.10524%
55154	Louisa County	62,920	0.06363%
55155	Lunenburg County	10,996	0.01112%
55156	Madison County	24,030	0.02430%
55157	Mathews County	13,326	0.01348%
55158	Mecklenburg County	44,670	0.04518%
55159	Middlesex County	15,170	0.01534%
55160	Montgomery County	93,183	0.09424%
55162	Nelson County	21,351	0.02159%
55163	New Kent County	47,425	0.04796%
55165	Northampton County	43,512	0.04401%
55166	Northumberland County	22,119	0.02237%
55167	Nottoway County	18,281	0.01849%
55168	Orange County	54,028	0.05464%
55169	Page County	36,892	0.03731%
55170	Patrick County	31,764	0.03212%
55171	Pittsylvania County	76,848	0.07772%
55172	Powhatan County	41,558	0.04203%
55173	Prince Edward County	27,080	0.02739%

Virginia Retirement System
VRS Group Life Insurance Plan
Schedule of Employer Allocations - continued
For the Plan Year Ended and Measurement Date of June 30, 2018

Employer Code	Employer	Employer Contributions	Employer Allocation Percentage
55174	Prince George County	64,745	0.06548%
55176	Prince William County	1,382,725	1.39846%
55177	County of Pulaski	63,032	0.06375%
55178	Rappahannock County	14,994	0.01517%
55179	Richmond County	15,156	0.01533%
55180	Roanoke County	248,835	0.25166%
55181	Rockbridge County	35,268	0.03567%
55182	Rockingham County	135,477	0.13702%
55183	Russell County	32,160	0.03252%
55184	Scott County	29,727	0.03007%
55185	Shenandoah County	67,119	0.06788%
55186	Smyth County	39,186	0.03963%
55187	Southampton County	41,481	0.04195%
55188	Spotsylvania County	263,187	0.26618%
55189	Stafford County	272,771	0.27587%
55190	Surry County	21,634	0.02188%
55191	Sussex County	25,343	0.02563%
55192	Tazewell County	59,443	0.06012%
55193	Warren County	56,808	0.05745%
55195	Washington County	56,158	0.05680%
55196	Westmoreland County	32,282	0.03265%
55197	Wise County	57,430	0.05808%
55198	Wythe County	35,534	0.03594%
55199	York County	213,240	0.21566%
55200	City of Alexandria	—	—%
55201	City of Bristol	71,296	0.07210%
55202	City of Buena Vista	17,003	0.01720%
55203	Town of St. Paul	3,876	0.00392%
55204	Town of Clifton Forge	7,298	0.00738%
55205	City of Danville	—	—%
55206	City of Fredericksburg	126,281	0.12771%
55207	City of Hampton	473,642	0.47902%
55208	City of Harrisonburg	158,162	0.15996%
55209	City of Hopewell	97,096	0.09820%
55210	City of Lynchburg	285,405	0.28865%
55211	Town of Crewe	5,175	0.00523%
55212	City of Norfolk	139,840	0.14143%
55213	City of Petersburg	116,521	0.11784%

Virginia Retirement System
VRS Group Life Insurance Plan
Schedule of Employer Allocations - continued
For the Plan Year Ended and Measurement Date of June 30, 2018

Employer Code	Employer	Employer Contributions	Employer Allocation Percentage
55214	City of Portsmouth	357,527	0.36159%
55215	City of Radford	52,785	0.05339%
55216	City of Richmond	134,207	0.13573%
55217	City of Roanoke	46,196	0.04672%
55218	Town of Craigsville	1,043	0.00105%
55219	City of Staunton	72,824	0.07365%
55220	City of Suffolk	345,599	0.34952%
55221	City of Williamsburg	55,094	0.05572%
55222	City of Winchester	130,000	0.13148%
55223	City of Martinsville	70,213	0.07101%
55224	City of Falls Church	6,864	0.00694%
55225	City of Colonial Heights	68,563	0.06934%
55226	Town of Front Royal	39,572	0.04002%
55227	Town of Boyce	—	—%
55228	Town of Middletown	—	—%
55229	Town of Chilhowie	4,386	0.00443%
55230	City of Covington	19,679	0.01990%
55231	Town of Floyd	864	0.00087%
55232	City of Franklin	39,713	0.04016%
55233	City of Chesapeake	837,165	0.84669%
55234	City of Virginia Beach	1,707,355	1.72678%
55235	City of Norton	16,692	0.01688%
55236	City of Manassas Park	48,935	0.04949%
55237	Town of Exmore	—	—%
55238	Town of Pound	—	—%
55239	Town of Grottoes	4,184	0.00423%
55240	Town of Onley	1,330	0.00134%
55241	Town of West Point	7,844	0.00793%
55242	Town of South Hill	—	—%
55243	Town of Rural Retreat	—	—%
55244	Town of Dillwyn	—	—%
55245	Town of Scottsville	791	0.00080%
55246	Town of Burkeville	522	0.00053%
55247	Town of Madison	130	0.00013%
55248	Town of Pennington Gap	—	—%
55249	Town of La Crosse	—	—%
55250	Town of Rich Creek	660	0.00067%
55251	Town of White Stone	—	—%

Virginia Retirement System
VRS Group Life Insurance Plan
Schedule of Employer Allocations - continued
For the Plan Year Ended and Measurement Date of June 30, 2018

Employer Code	Employer	Employer Contributions	Employer Allocation Percentage
55252	Town of Windsor	3,156	0.00319%
55253	Town of Haysi	—	—%
55254	Town of Stephens City	2,187	0.00221%
55255	Town of Broadax	—	—%
55256	Town of Mineral	—	—%
55257	Town of Lebanon	11,148	0.01127%
55258	City of Newport News	335,894	0.33971%
55259	Town of Richlands	—	—%
55260	Town of Haymarket	2,921	0.00295%
55261	Town of Lovettsville	2,675	0.00271%
55300	Town of Abingdon	26,767	0.02707%
55301	Town of Dumfries	7,209	0.00729%
55302	Town of Iron Gate	241	0.00024%
55303	Town of Montross	455	0.00046%
55304	Town of South Boston	16,684	0.01687%
55305	Town of Gretna	2,358	0.00238%
55306	Town of Remington	838	0.00085%
55307	City of Lexington	25,805	0.02610%
55308	City of Waynesboro	68,592	0.06937%
55309	Town of Colonial Beach	9,067	0.00917%
55310	Town of Smithfield	14,839	0.01501%
55311	Town of Brookneal	1,498	0.00151%
55312	Town of Hamilton	1,545	0.00156%
55313	City of Galax	32,074	0.03244%
55314	Town of Jonesville	2,018	0.00204%
55315	Town of Wytheville	34,095	0.03448%
55316	City of Fairfax	—	—%
55317	Town of Vienna	64,502	0.06523%
55318	Town of Vinton	19,610	0.01983%
55319	City of Emporia	24,995	0.02528%
55320	Town of Culpeper	49,177	0.04973%
55321	Town of Woodstock	14,436	0.01460%
55322	Town of Glasgow	955	0.00097%
55323	Town of Marion	17,610	0.01781%
55324	Town of Altavista	11,777	0.01191%
55325	Town of Herndon	87,895	0.08889%
55326	Town of Pearisburg	6,932	0.00701%
55327	Town of Christiansburg	—	—%

Virginia Retirement System
VRS Group Life Insurance Plan
Schedule of Employer Allocations - continued
For the Plan Year Ended and Measurement Date of June 30, 2018

Employer Code	Employer	Employer Contributions	Employer Allocation Percentage
55328	Town of Wakefield	—	—%
55329	Town of Leesburg	123,393	0.12479%
55330	Town of Chatham	2,708	0.00274%
55331	Town of Bowling Green	1,795	0.00181%
55332	City of Manassas	157,744	0.15954%
55333	Town of Alberta	—	—%
55334	Town of Boynton	1,075	0.00109%
55335	City of Salem	117,866	0.11921%
55336	Town of McKenney	185	0.00019%
55337	Town of Narrows	—	—%
55338	Town of Quantico	777	0.00079%
55339	Town of Halifax	1,680	0.00170%
55340	Town of Blacksburg	78,505	0.07940%
55341	Town of Chincoteague	10,444	0.01056%
55342	Town of Lawrenceville	4,705	0.00476%
55343	Town of Amherst	4,249	0.00430%
55344	Town of Stanley	3,412	0.00345%
55345	Town of Hillsville	7,779	0.00787%
55346	Town of Elkton	5,566	0.00563%
55347	Town of Bridgewater	12,919	0.01307%
55348	Town of Purcellville	24,305	0.02458%
55349	Town of Timberville	3,370	0.00341%
55350	Town of Wise	11,312	0.01144%
55351	Town of New Market	4,242	0.00429%
55352	Town of Tappahannock	—	—%
55353	Town of Rocky Mount	14,543	0.01471%
55354	Town of Big Stone Gap	—	—%
55355	Town of Luray	10,000	0.01011%
55357	Town of Strasburg	14,610	0.01478%
55358	Town of Appomattox	—	—%
55359	Town of Clarksville	4,361	0.00441%
55360	Town of Dublin	4,903	0.00496%
55361	Town of Middleburg	4,886	0.00494%
55362	Town of Edinburg	—	—%
55363	Town of Chase City	6,133	0.00620%
55364	City of Bedford	20,211	0.02044%
55365	City of Poquoson	32,368	0.03274%
55366	Town of Ashland	17,454	0.01765%

Virginia Retirement System
VRS Group Life Insurance Plan
Schedule of Employer Allocations - continued
For the Plan Year Ended and Measurement Date of June 30, 2018

Employer Code	Employer	Employer Contributions	Employer Allocation Percentage
55367	Town of Broadway	5,127	0.00518%
55368	Town of Berryville	7,747	0.00783%
55369	Town of Tazewell	—	—%
55370	Town of Urbanna	471	0.00048%
55371	Town of Bluefield	12,354	0.01249%
55372	Town of Weber City	815	0.00082%
55374	Town of Hurt	732	0.00074%
55375	Town of Waverly	—	—%
55376	Town of Coeburn	3,531	0.00357%
55377	Town of Dayton	4,179	0.00423%
55378	Town of Courtland	523	0.00053%
55379	Town of Cape Charles	7,096	0.00718%
55380	Town of Independence	—	—%
55381	Town of Warsaw	3,201	0.00324%
55382	Town of Grundy	3,556	0.00360%
55383	Town of Warrenton	31,120	0.03147%
55384	Town of Louisa	3,482	0.00352%
55385	Town of Kenbridge	2,292	0.00232%
55386	Town of Mt. Jackson	4,195	0.00424%
55387	Town of Pulaski	21,466	0.02171%
55388	Town of Jarratt	—	—%
55389	Town of Pembroke	1,200	0.00121%
55390	Town of Parksley	693	0.00070%
55391	Town of Onancock	3,006	0.00304%
55392	Town of Victoria	2,646	0.00268%
55393	Town of Shenandoah	3,542	0.00358%
55394	Town of Gate City	—	—%
55395	Town of Round Hill	4,306	0.00435%
55396	Town of Kilmarnock	4,668	0.00472%
55397	Town of Orange	12,090	0.01223%
55398	Town of Saltville	—	—%
55399	Town of Blackstone	10,462	0.01058%
55401	Southeastern Virginia Public Service Authority	30,485	0.03083%
55402	Pittsylvania County Service Authority	1,671	0.00169%
55403	Spotsylvania-Stafford-Fredericksburg Group Home Comm.	2,792	0.00282%
55404	Appomattox Regional Library	3,488	0.00353%
55405	Staunton Redevelopment & Housing Authority	1,965	0.00199%
55406	Hampton Newport News Community Services Board	—	—%

Virginia Retirement System
VRS Group Life Insurance Plan
Schedule of Employer Allocations - continued
For the Plan Year Ended and Measurement Date of June 30, 2018

Employer Code	Employer	Employer Contributions	Employer Allocation Percentage
55408	Charles Pinckney Jones Memorial Library	455	0.00046%
55409	Southside Regional Juvenile Group Home Commission	631	0.00064%
55411	Hampton Roads Sanitation District	259,199	0.26214%
55412	Peninsula Airport Commission	11,807	0.01194%
55413	Richmond Redevelopment & Housing Authority	42,217	0.04270%
55415	Chesapeake Redevelopment & Housing Authority	10,941	0.01106%
55416	Alexandria Sanitation Authority	—	—%
55417	Norfolk Airport Authority	61,544	0.06224%
55418	Charlottesville Redevelopment & Housing Authority	3,056	0.00309%
55419	Hampton Redevelopment & Housing Authority	15,046	0.01522%
55420	Loudoun County Sanitation Authority	114,370	0.11567%
55421	Danville Redevelopment & Housing Authority	6,784	0.00686%
55422	NRV Regional Water Authority	6,088	0.00616%
55423	Northern Virginia Juvenile Detention Home	23,268	0.02353%
55424	Hopewell Redevelopment and Housing Authority	—	—%
55425	Colonial Services Board	47,301	0.04784%
55426	Blacksburg-VPI Sanitation Authority	4,984	0.00504%
55427	Potomac River Fisheries Commission	1,392	0.00141%
55428	Chesapeake Bay Bridge & Tunnel District	41,820	0.04229%
55429	Alexandria Redevelopment & Housing Authority	25,743	0.02603%
55430	Albemarle County Service Authority	20,400	0.02063%
55431	Franklin Redevelopment & Housing Authority	2,389	0.00242%
55432	Bristol Redevelopment & Housing Authority	5,364	0.00543%
55433	Norfolk Redevelopment & Housing Authority	71,894	0.07271%
55435	Richmond Metropolitan Authority	19,517	0.01974%
55436	Riverside Regional Jail	80,843	0.08176%
55439	Rappahannock-Rapidan Planning District Commission	1,892	0.00191%
55440	Shenandoah Valley Juvenile Detention Home	16,660	0.01685%
55442	Southside Regional Library Board	—	—%
55443	Bedford Public Library	3,430	0.00347%
55445	Chesterfield County Health Center Commission	31,372	0.03173%
55446	Washington County Service Authority	18,811	0.01902%
55447	Rappahannock Area Community Services Board	103,386	0.10456%
55449	Hampton Roads Planning District Commission	17,304	0.01750%
55450	Meherrin Regional Library	1,323	0.00134%
55451	New River Valley Planning District	—	—%
55452	Northern Virginia Healthcare Center & District Home	—	—%
55453	Rockbridge Area Community Services Board	22,526	0.02278%

Virginia Retirement System
VRS Group Life Insurance Plan
Schedule of Employer Allocations - continued
For the Plan Year Ended and Measurement Date of June 30, 2018

Employer Code	Employer	Employer Contributions	Employer Allocation Percentage
55454	Greensville/Emporia Department of Social Services	5,544	0.00561%
55455	James City Service Authority	22,090	0.02234%
55456	Accomack-Northampton Planning District Commission	3,687	0.00373%
55457	Harrisonburg/Rockingham Sewer Authority	8,181	0.00827%
55458	Wytheville Redevelopment & Housing Authority	2,427	0.00245%
55459	Waynesboro Redevelopment and Housing Authority	3,555	0.00359%
55460	Region Ten Community Services Board	113,899	0.11519%
55462	LENOWISCO Planning District Commission	1,500	0.00152%
55465	Rivanna Water & Sewer Authority	25,320	0.02561%
55466	Appomattox River Water Authority	7,673	0.00776%
55467	Campbell County Utilities and Service Authority	6,502	0.00658%
55469	Eastern Shore Community Services Board	26,199	0.02650%
55470	ANCHOR Commission	954	0.00097%
55471	Central Virginia Community Services	144,940	0.14659%
55472	District 19 Community Services Board	45,656	0.04618%
55473	Tidewater Transportation District	89,694	0.09071%
55474	Upper Occoquan Sewage Authority	72,549	0.07337%
55475	New River Valley Juvenile Detention Home	3,966	0.00401%
55476	Rockbridge Regional Library	—	—%
55477	Frederick County Sanitation Authority	18,626	0.01884%
55478	Western Tidewater Community Services Board	—	—%
55479	Cumberland Mountain Community Services	58,104	0.05876%
55482	Middle Peninsula/Northern Neck Public Service Auth	69,600	0.07039%
55483	Rockbridge County Public Service Authority	2,089	0.00211%
55484	Danville-Pittsylvania Mental Health Services Board	51,601	0.05219%
55485	Crater Youth Care Commission	6,683	0.00676%
55486	Southeastern Tidewater Manpower Authority	9,139	0.00924%
55487	Capital Regional Airport Commission	44,882	0.04539%
55488	Northwestern Community Services Board	38,842	0.03928%
55489	Harrisonburg-Rockingham Community Services Board	33,814	0.03420%
55491	Middle Peninsula Regional Security Center	14,808	0.01498%
55492	Northern Neck Planning District Commission	1,474	0.00149%
55493	Planning District One Community Services Board	1,314	0.00133%
55494	Rockbridge Area Social Services Board	5,090	0.00515%
55495	Dinwiddie County Water Authority	2,833	0.00286%
55496	Rappahannock Rapidan Community Services	52,993	0.05359%
55498	Valley Community Services Board	53,379	0.05399%
55499	Eastern Shore Public Library	1,177	0.00119%

Virginia Retirement System
VRS Group Life Insurance Plan
Schedule of Employer Allocations - continued
For the Plan Year Ended and Measurement Date of June 30, 2018

Employer Code	Employer	Employer Contributions	Employer Allocation Percentage
55500	Alexandria City Public Schools	42,347	0.04283%
55501	Albemarle County Public Schools	36,969	0.03739%
55502	Alleghany Highlands Public Schools	9,469	0.00958%
55503	Charlottesville City Public Schools	10,315	0.01043%
55504	Amherst County Public Schools	13,913	0.01407%
55505	Appomattox County Public Schools	3,652	0.00369%
55506	Arlington County Public Schools	112,915	0.11420%
55507	Augusta County Public Schools	13,303	0.01345%
55508	Bath County Public Schools	3,385	0.00342%
55509	Bedford County Public Schools	28,692	0.02902%
55510	Bland County Public Schools	2,023	0.00204%
55511	Botetourt County Public Schools	13,323	0.01347%
55512	Norfolk Public Schools	90,630	0.09166%
55513	Petersburg City Public Schools	12,219	0.01236%
55514	Buckingham County Public Schools	4,432	0.00448%
55515	Radford City Public Schools	1,821	0.00184%
55516	Caroline County Public Schools	7,193	0.00727%
55517	Carroll County Public Schools	10,663	0.01078%
55518	Charles City County Public Schools	1,276	0.00129%
55519	Charlotte County Public Schools	3,499	0.00354%
55520	Chesterfield County Public Schools	89,226	0.09024%
55521	Clarke County Public Schools	3,493	0.00353%
55522	Winchester City Public Schools	11,843	0.01198%
55523	Culpeper County Public Schools	23,450	0.02372%
55524	Cumberland County Public Schools	3,556	0.00360%
55525	Dickenson County Public Schools	6,754	0.00683%
55526	Dinwiddie County Public Schools	9,521	0.00963%
55528	Essex County Public Schools	3,348	0.00339%
55530	Covington City Public Schools	1,909	0.00193%
55531	Floyd County Public Schools	8,273	0.00837%
55532	Fluvanna County Public Schools	11,927	0.01206%
55533	Chesapeake City Public Schools	111,262	0.11253%
55534	Virginia Beach City Public Schools	234,625	0.23729%
55535	Giles County Public Schools	1,968	0.00199%
55536	Gloucester County Public Schools	15,688	0.01587%
55537	Goochland County Public Schools	3,961	0.00401%
55538	Grayson County Public Schools	4,970	0.00503%
55539	Greene County Public Schools	8,967	0.00907%

Virginia Retirement System
VRS Group Life Insurance Plan
Schedule of Employer Allocations - continued
For the Plan Year Ended and Measurement Date of June 30, 2018

Employer Code	Employer	Employer Contributions	Employer Allocation Percentage
55540	Greensville County Public Schools	4,616	0.00467%
55541	Halifax County Public Schools	8,590	0.00869%
55542	Hanover County Public Schools	26,820	0.02712%
55543	Henrico County Public Schools	3,834	0.00388%
55544	Henry County Public Schools	18,618	0.01883%
55545	Highland County Public Schools	1,245	0.00126%
55546	Isle of Wight County Public Schools	8,323	0.00842%
55548	King George County Public Schools	13,144	0.01329%
55549	King and Queen County Public Schools	3,803	0.00385%
55550	King William County Public Schools	6,711	0.00679%
55551	Lancaster County Public Schools	4,423	0.00447%
55552	Lee County Public Schools	10,323	0.01044%
55553	Loudoun County Public Schools	300,897	0.30432%
55554	Louisa County Public Schools	19,634	0.01986%
55555	Lunenburg County Public Schools	3,343	0.00338%
55556	Madison County Public Schools	4,373	0.00442%
55557	Mathews County Public Schools	4,159	0.00421%
55558	Mecklenburg County Public Schools	5,759	0.00582%
55559	Middlesex County Public Schools	2,379	0.00241%
55560	Montgomery County Public Schools	23,328	0.02359%
55562	Nelson County Public Schools	8,460	0.00856%
55563	New Kent County Public Schools	6,545	0.00662%
55565	Northampton County Public Schools	5,134	0.00519%
55566	Northumberland County Public Schools	3,778	0.00382%
55567	Nottoway County Public Schools	4,763	0.00482%
55568	Orange County Public Schools	16,223	0.01641%
55569	Page County Public Schools	9,718	0.00983%
55570	Patrick County Public Schools	9,264	0.00937%
55571	Pittsylvania County Public Schools	14,615	0.01478%
55572	Powhatan County Public Schools	8,873	0.00897%
55573	Prince Edward County Public Schools	3,111	0.00314%
55574	Prince George County Public Schools	19,201	0.01942%
55576	Prince William County Public Schools	301,883	0.30531%
55577	Pulaski County Public Schools	11,831	0.01197%
55578	Rappahannock County Public Schools	3,478	0.00352%
55579	Richmond County Public Schools	337	0.00034%
55580	Roanoke County Public Schools	16,388	0.01657%
55581	Rockbridge County Public Schools	6,850	0.00693%

Virginia Retirement System
VRS Group Life Insurance Plan
Schedule of Employer Allocations - continued
For the Plan Year Ended and Measurement Date of June 30, 2018

Employer Code	Employer	Employer Contributions	Employer Allocation Percentage
55582	Rockingham County Public Schools	42,186	0.04267%
55583	Russell County Public Schools	13,673	0.01383%
55584	Scott County Public Schools	11,365	0.01149%
55585	Shenandoah County Public Schools	18,555	0.01876%
55586	Smyth County Public Schools	11,345	0.01147%
55587	Southampton County Public Schools	4,202	0.00425%
55588	Spotsylvania County Public Schools	48,409	0.04896%
55589	Stafford County Public Schools	45,365	0.04588%
55590	Surry County Public Schools	4,997	0.00505%
55591	Sussex County School Board	4,746	0.00480%
55592	Tazewell County Public Schools	19,708	0.01993%
55593	Warren County Public Schools	10,199	0.01032%
55595	Washington County Public Schools	13,609	0.01376%
55596	Westmoreland County Public Schools	3,687	0.00373%
55597	Wise County Public Schools	7,692	0.00778%
55598	Wythe County Public Schools	7,051	0.00713%
55599	York County Public Schools	33,613	0.03399%
55600	Accomack County Public Schools	15,405	0.01558%
55601	Bristol VA Public Schools	4,872	0.00493%
55602	Buena Vista City Public Schools	1,961	0.00198%
55603	Amelia County Public Schools	4,557	0.00461%
55605	Danville City Public Schools	10,033	0.01015%
55606	Franklin City Public Schools	2,141	0.00217%
55608	Harrisonburg City Public Schools	11,283	0.01141%
55609	Hopewell City Public Schools	10,630	0.01075%
55610	Lynchburg City Public Schools	19,912	0.02014%
55611	Fauquier County Public Schools	38,884	0.03933%
55612	Brunswick County Public Schools	5,844	0.00591%
55613	PD Pruden Vocational-Technical Center	—	—%
55614	Portsmouth City Public Schools	40,441	0.04090%
55615	Campbell County Public Schools	16,631	0.01682%
55616	Richmond Public Schools	53,999	0.05461%
55617	Roanoke City Schools	19,074	0.01929%
55619	Staunton City Public Schools	5,849	0.00592%
55620	Suffolk City Public Schools	35,227	0.03563%
55622	Craig County Public Schools	1,653	0.00167%
55623	Martinsville City Public Schools	2,534	0.00256%
55624	Appomattox Regional Governor's School	512	0.00052%

Virginia Retirement System
VRS Group Life Insurance Plan
Schedule of Employer Allocations - continued
For the Plan Year Ended and Measurement Date of June 30, 2018

Employer Code	Employer	Employer Contributions	Employer Allocation Percentage
55625	Colonial Heights City Public Schools	6,676	0.00675%
55632	Manassas City Public Schools	17,901	0.01810%
55633	Franklin County Public Schools	28,755	0.02908%
55634	Frederick County Public Schools	45,945	0.04647%
55635	Salem City Public Schools	6,688	0.00676%
55636	Manassas Park City Public Schools	6,852	0.00693%
55637	Newport News Public Schools	51,267	0.05185%
55708	Waynesboro City Public Schools	4,340	0.00439%
55710	Valley Vocational-Technical Center	337	0.00034%
55711	New Horizons Regional Education Center	1,661	0.00168%
55713	Galax City Public Schools	2,631	0.00266%
55714	Norton City Public Schools	1,115	0.00113%
55802	Williamsburg-James City County Public Schools	27,851	0.02817%
55803	Poquoson City Public Schools	2,740	0.00277%
55806	Fredericksburg City Public Schools	6,687	0.00676%
55807	Hampton City Public Schools	22,257	0.02251%
55813	Buchanan County Public Schools	10,608	0.01073%
55814	Jackson River Technical Center	367	0.00037%
55815	Northern Neck Regional Vocational Center	187	0.00019%
55862	Crater Criminal Justice Training Academy	1,424	0.00144%
55863	Central Shenandoah Criminal Justice Training Academy	1,996	0.00202%
55864	New River Valley Emergency Comm Regional Authority	8,080	0.00817%
55865	Maury Service Authority	3,676	0.00372%
55866	Hampton Roads Transportation Accountability Commission	1,304	0.00132%
55867	Pamunkey Regional Library	6,118	0.00619%
55868	Northern Virginia Transportation Authority	5,469	0.00553%
55869	RSW Regional Jail Authority	24,082	0.02436%
55870	Bedford Regional Water Authority	14,765	0.01493%
55871	Portsmouth Redevelopment and Housing Authority	18,428	0.01864%
55872	Southwest Regional Recreation Authority	2,266	0.00229%
55873	Roanoke Redevelopment and Housing Authority	—	—%
55874	Meherrin Regional Jail Authority	25,691	0.02598%
55875	Woodway Water Authority	1,113	0.00113%
55876	Bristol Virginia Utilities Authority (BVU)	37,756	0.03819%
55877	Washington Metropolitan Area Transit Commission	—	—%
55878	Mount Rogers Community Services Board	117,524	0.11886%
55879	Lonesome Pine Soil & Water Conservation District	216	0.00022%
55880	Big Sandy Soil & Water Conservation District	—	—%

Virginia Retirement System
VRS Group Life Insurance Plan
Schedule of Employer Allocations - continued
For the Plan Year Ended and Measurement Date of June 30, 2018

Employer Code	Employer	Employer Contributions	Employer Allocation Percentage
55881	Virginia's Region 2000 Local Government Council	9,124	0.00923%
55882	Middle Peninsula Planning District Commission	1,048	0.00106%
55883	Western Virginia Regional Jail Authority	42,221	0.04270%
55884	Halifax Service Authority	6,168	0.00624%
55886	Russell County Public Service Authority	2,398	0.00242%
55887	Piedmont Community Services Board	55,067	0.05569%
55888	Blue Ridge Behavioral Health Care	72,691	0.07352%
55889	Skyline Soil and Water Conservation District	—	—%
55890	Middle River Regional Jail Authority	36,090	0.03650%
55891	Tidewater Soil and Water Conservation District	—	—%
55892	Big Stone Gap Redevelopment and Housing Authority	—	—%
55893	Eastern Shore Soil and Water Conservation District	882	0.00089%
55894	Town of Boykins	—	—%
55895	Town of Gordonsville	3,480	0.00352%
55896	Virginia Resources Authority	6,748	0.00683%
55897	Prince William County Services Authority	126,994	0.12844%
55898	Western Virginia Water Authority	52,950	0.05355%
55899	Shenandoah Valley Regional Airport Commission	3,399	0.00344%
55900	Alleghany Highlands Community Services Board	15,577	0.01575%
55901	Brunswick Industrial Development Authority	422	0.00043%
55902	Northern Neck-Essex County Group Home Commission	—	—%
55904	Highlands Juvenile Detention Center Commission	9,949	0.01006%
55905	Goochland-Powhatan Community Services Board	12,059	0.01220%
55906	Suffolk Redevelopment and Housing Authority	6,173	0.00624%
55908	Lee County Redevelopment and Housing Authority	1,629	0.00165%
55909	Henry County Public Service Authority	12,131	0.01227%
55910	Southside Planning District Commission	2,561	0.00259%
55911	Industrial Development Authority	4,017	0.00406%
55912	Augusta County Service Authority	28,065	0.02838%
55914	Rappahannock Juvenile Detention Commission	17,504	0.01770%
55915	Cumberland Plateau Regional Housing Authority	2,819	0.00285%
55917	Bedford County Public Service Authority	—	—%
55918	Amherst County Service Authority	5,103	0.00516%
55919	Pepper's Ferry Regional Wastewater Treatment Authority	5,195	0.00525%
55920	Rappahannock Regional Jail Authority	72,564	0.07339%
55921	Thomas Jefferson Planning District Commission	3,299	0.00333%
55922	Piedmont Regional Jail	25,246	0.02553%
55923	Nelson County Services Authority	4,828	0.00488%

Virginia Retirement System
VRS Group Life Insurance Plan
Schedule of Employer Allocations - continued
For the Plan Year Ended and Measurement Date of June 30, 2018

Employer Code	Employer	Employer Contributions	Employer Allocation Percentage
55924	Coeburn-Norton-Wise Regional Water	2,934	0.00297%
55925	Fauquier County Water & Sanitation Authority	15,612	0.01579%
55926	Scott County Soil & Water Conservation District	662	0.00067%
55927	New River Resource Authority	5,422	0.00548%
55928	Scott County Water & Sewage Authority	4,582	0.00463%
55929	Greensville County Water & Sewer Authority	5,941	0.00601%
55930	Petersburg Redevelopment & Housing Authority	6,029	0.00610%
55931	Central Rappahannock Regional Library	22,673	0.02293%
55932	Virginia Coalfield Economic Development Authority	1,650	0.00167%
55933	Central Virginia Regional Jail	31,010	0.03136%
55934	Thomas Jefferson Soil & Water Conservation District	2,087	0.00211%
55936	Piedmont Planning District Commission	—	—%
55937	Wythe-Grayson Regional Library	1,373	0.00139%
55938	Colonial Soil & Water Conservation District	991	0.00100%
55939	Rivanna Solid Waste Authority	2,315	0.00234%
55940	Monacan Soil & Water Conservation District	792	0.00080%
55941	Robert E. Lee Soil & Water Conservation District	—	—%
55942	Virginia Soil & Water Conservation	881	0.00089%
55944	Central Virginia Waste Management Authority	2,751	0.00278%
55945	Lonesome Pine Regional Library	4,215	0.00426%
55946	Virginia Peninsulas Public Service Authority	7,901	0.00799%
55947	Tidewater Regional Group Home Commission	12,044	0.01218%
55948	Virginia Highlands Airport Commission	1,250	0.00126%
55949	Western Tidewater Regional Jail	38,242	0.03868%
55950	Scott County Redevelopment & Housing Authority	1,401	0.00142%
55951	Handley Regional Library	3,192	0.00323%
55952	Northern Neck Regional Jail	17,424	0.01762%
55953	Montgomery Regional Solid Waste Authority	3,542	0.00358%
55954	Potomac & Rappahannock Transportation Comm	46,174	0.04670%
55955	Giles County Public Service Authority	2,185	0.00221%
55956	South Central Wastewater Authority	9,059	0.00916%
55957	Wise County Redevelopment and Housing Authority	3,392	0.00343%
55958	Prince William Soil & Water Conservation District	967	0.00098%
55959	Hampton Roads Regional Jail Authority	61,513	0.06221%
55960	Russell County Water & Sewage Authority	1,353	0.00137%
55961	Pamunkey Regional Jail	30,044	0.03039%
55962	Charlottesville - Albemarle Airport Authority	9,600	0.00971%
55963	Virginia Peninsula Regional Jail	25,980	0.02628%

Virginia Retirement System
VRS Group Life Insurance Plan
Schedule of Employer Allocations - continued
For the Plan Year Ended and Measurement Date of June 30, 2018

Employer Code	Employer	Employer Contributions	Employer Allocation Percentage
55964	Virginia Biotechnology Research Park Authority	2,896	0.00293%
55965	Peumansend Creek Regional Jail	—	—%
55966	Blue Ridge Regional Jail Authority	76,976	0.07785%
55967	Rockingham Regional Library	3,605	0.00365%
55968	Albemarle-Charlottesville Regional Jail	40,129	0.04058%
55969	Culpeper Soil & Water Conservation District	2,531	0.00256%
55970	New River Valley Regional Jail	46,465	0.04699%
55971	Sussex Service Authority	4,777	0.00483%
55972	Big Water Soil & Water Conservation District	—	—%
55973	Peter Francisco Soil & Water Conservation District	—	—%
55974	Peaks of Otter Soil & Water Conservation District	200	0.00020%
55975	New River Soil & Water Conservation District	434	0.00044%
55977	Southside Regional Jail	9,737	0.00985%
55978	Evergreen Soil & Water Conservation District	598	0.00060%
55979	Roanoke Higher Education Authority	4,472	0.00452%
55981	John Marshall Soil & Water Conservation District	1,442	0.00146%
55982	Daniel Boone Soil & Water Conservation District	709	0.00072%
55983	Southside Community Services Board	35,528	0.03593%
55984	Northern Shenandoah Valley Regional Commission	2,643	0.00267%
55985	Tazewell Soil & Water Conservation District	600	0.00061%
55987	Richmond Regional Planning District Commission	—	—%
55988	Henricopolis Soil & Water Conservation District	655	0.00066%
55989	Piedmont Regional Juvenile Detention Center	3,288	0.00332%
55990	Roanoke River Service Authority	1,497	0.00151%
55991	Lee County Public Service Authority	3,007	0.00304%
55992	Blue Ridge Juvenile Detention Center	10,438	0.01056%
55993	Ferrum Water & Sewage Authority	—	—%
55994	Wise County Public Service Authority	5,207	0.00526%
55995	Holston River Soil & Water Conservation District	—	—%
55996	New River Valley Community Services Board	—	—%
55997	Institute for Advanced Learning and Research	—	—%
55998	Southwest Virginia Regional Jail Authority	79,976	0.08088%
55999	Clinch Valley Soil & Water Conservation District	460	0.00047%
59212	City of Norfolk - Insurance Only Employees	997,208	1.00854%
59214	City of Portsmouth - Insurance Only Employees	12,461	0.01260%
59216	City of Richmond - Insurance Only Employees	927,079	0.93761%
59217	City of Roanoke - Insurance Only Employees	375,676	0.37994%
59617	Roanoke City Schools - Insurance Only Employees	9,189	0.00929%

Virginia Retirement System
VRS Group Life Insurance Plan
Schedule of Employer Allocations - continued
For the Plan Year Ended and Measurement Date of June 30, 2018

Employer Code	Employer	Employer Contributions	Employer Allocation Percentage
	Sub-total Political Subdivisions	\$ 26,464,403	26.76503%
	Total for VRS Group Life Insurance	\$ 98,876,764	100.00000%

The accompanying notes are an integral part of the Schedule of Employer Allocations.

Virginia Retirement System
VRS Group Life Insurance Plan
Schedule of Net GLI OPEB Liability and Total GLI OPEB Expense
As of the Measurement Date and for the Plan Year Ended June 30, 2018

(Dollars in Thousands)

Employer Code	Employer	Net GLI OPEB Liability June 30, 2018	Total GLI OPEB Expense FY 2018
State:			
1XXXX	Judicial Retirement System Employees	\$ 5,454	\$ 7
2XXXX	State Police Officers' Retirement System Employees	9,929	106
35885	Fort Monroe Federal Area Development Authority	125	3
3XXXX	All Other State Agency Employees	420,587	2,818
7XXXX	Virginia Law Officers' Retirement System Employees	27,692	(97)
	Sub-total State	\$ 463,787	\$ 2,837
Teachers:			
40100	Accomack County School Board	\$ 2,240	\$ 24
40101	Albemarle County Schools	7,324	65
40102	Alleghany County School Board	908	(11)
40103	Amelia County School Board	677	2
40104	Amherst County School Board	1,830	(16)
40105	Appomattox County School Board	906	13
40106	Arlington Public Schools	24,253	364
40107	Augusta County School Board	4,609	21
40108	Bath County School Board	368	(1)
40109	Bedford County School Board	4,014	18
40110	Bland County School Board	290	(2)
40111	Botetourt County Schools	2,133	—
40112	Brunswick County Public Schools	743	(5)
40113	Buchanan County School Board	1,107	(16)
40114	Buckingham County School Board	853	(4)
40115	Campbell County School Board	3,064	2
40116	Caroline County School Board	1,689	17
40117	Carroll County School Board	1,706	10
40118	Charles City County School Board	356	(2)
40119	Charlotte County School Board	912	(1)
40120	Chesterfield County School Board	24,263	306
40121	Clarke County School Board	987	7
40122	Craig County School Board	278	(2)
40123	Culpeper County School Board	3,549	23
40124	Cumberland County School Board	618	(3)
40125	Dickenson County School Board	766	(19)
40126	Dinwiddie County School Board	1,840	7

Virginia Retirement System
VRS Group Life Insurance Plan
Schedule of Net GLI OPEB Liability and Total GLI OPEB Expense - continued
As of the Measurement Date and for the Plan Year Ended June 30, 2018

(Dollars in Thousands)

Employer Code	Employer	Net GLI OPEB Liability June 30, 2018	Total GLI OPEB Expense FY 2018
40128	Essex County Public Schools	621	(8)
40129	Fairfax County School Board	118,262	1,308
40130	Fauquier County School Board	5,835	(5)
40131	Floyd County School Board	851	4
40132	Fluvanna County Public Schools	1,935	7
40133	Franklin County Public Schools	3,446	47
40134	Frederick County School Board	7,071	41
40135	Giles County Schools	1,003	9
40136	Gloucester County School Board	2,397	18
40137	Goochland County School Board	1,233	12
40138	Grayson County School Board	717	6
40139	Greene County Public Schools	1,396	9
40140	Greensville County School Board	1,044	8
40141	Halifax County School Board	2,169	(24)
40142	Hanover County School Board	8,115	48
40143	Henrico County School Board	21,416	140
40144	Henry County Public Schools	2,935	14
40145	Highland County Public Schools	155	—
40146	Isle of Wight County Schools	2,369	13
40148	King George County School Board	1,830	34
40149	King & Queen County School Board	369	6
40150	King William County School Board	958	2
40151	Lancaster County Public Schools	621	2
40152	Lee County School Board	1,505	11
40153	Loudoun County School Board	46,412	951
40154	Louisa County Public Schools	2,288	26
40155	Lunenburg County School Board	624	(9)
40156	Madison County School Board	816	8
40157	Mathews County School Board	515	(1)
40158	Mecklenburg County School Board	1,834	5
40159	Middlesex County School Board	623	7
40160	Montgomery County School Board	4,119	49
40162	Nelson County Public Schools	934	3
40163	New Kent County School Board	1,314	17
40165	Northampton County Schools	741	—
40166	Northumberland County School Board	665	9

Virginia Retirement System
VRS Group Life Insurance Plan
Schedule of Net GLI OPEB Liability and Total GLI OPEB Expense - continued
As of the Measurement Date and for the Plan Year Ended June 30, 2018

(Dollars in Thousands)

Employer Code	Employer	Net GLI OPEB Liability June 30, 2018	Total GLI OPEB Expense FY 2018
40167	Nottoway County School Board	895	—
40168	Orange County Public Schools	2,145	5
40169	Page County Public Schools	1,470	(2)
40170	Patrick County School Board	1,051	—
40171	Pittsylvania County School Board	3,529	47
40172	Powhatan County School Board	1,886	1
40173	Prince Edward County School Board	963	—
40174	Prince George County School Board	2,612	—
40176	Prince William County School Board	43,550	558
40177	Pulaski County School Board	1,735	(1)
40178	Rappahannock County School Board	451	(2)
40179	Richmond County School Board	527	3
40180	Roanoke County School Board	6,157	50
40181	Rockbridge County School Board	1,323	6
40182	Rockingham County School Board	5,317	35
40183	Russell County School Board	1,468	1
40184	Scott County School Board	1,603	8
40185	Shenandoah County School Board	2,787	7
40186	Smyth County School Board	1,782	(12)
40187	Southampton County School Board	1,050	5
40188	Spotsylvania County School Board	10,104	2
40189	Stafford County School Board	12,250	105
40190	Surry County Schools	635	1
40191	Sussex County School Board	632	1
40192	Tazewell County Schools	2,063	(17)
40193	Warren County School Board	2,383	18
40195	Washington County School Board	2,818	(1)
40196	Westmoreland County School Board	782	13
40197	Wise County School Board	2,071	(40)
40198	Wythe County School Board	1,658	—
40199	York County School Board	5,432	4
40200	Alexandria City School Board	12,045	78
40201	Bristol City School Board	966	(4)
40202	Buena Vista City Schools	418	(2)
40203	Charlottesville Public Schools	3,110	23
40205	Danville City Schools	2,517	(10)

Virginia Retirement System
VRS Group Life Insurance Plan
Schedule of Net GLI OPEB Liability and Total GLI OPEB Expense - continued
As of the Measurement Date and for the Plan Year Ended June 30, 2018

(Dollars in Thousands)

Employer Code	Employer	Net GLI OPEB Liability June 30, 2018	Total GLI OPEB Expense FY 2018
40206	Fredericksburg City Schools	1,857	11
40207	Hampton City Schools	8,808	29
40208	Harrisonburg City School Board	3,174	61
40209	Hopewell City School Board	1,994	20
40210	Lynchburg Public Schools	4,481	(9)
40211	Newport News Public Schools	12,936	37
40212	Norfolk Public Schools	16,679	(167)
40213	Petersburg City Schools	1,831	(19)
40214	Portsmouth School Board	6,507	(2)
40215	Radford City School Board	700	5
40216	Richmond Public Schools	13,425	96
40217	Roanoke City School Board	6,410	29
40219	Staunton City Schools	1,382	3
40220	Suffolk City School Board	6,154	46
40222	Winchester Public Schools	2,366	4
40223	Martinsville City Schools	933	(1)
40224	Falls Church Public Schools	2,068	8
40225	Colonial Heights City Schools	1,521	6
40230	Covington City School Board	436	2
40231	Fairfax City School Board	8	—
40232	Franklin City Public Schools	567	(10)
40233	Chesapeake Public Schools	18,568	145
40234	Virginia Beach City School Board	32,738	156
40236	Manassas Park City Schools	1,746	2
40306	Town of West Point School Board	436	8
40307	Lexington City School Board	230	4
40308	Waynesboro Public Schools	1,445	5
40309	Town of Colonial Beach Schools	290	3
40313	Galax City Schools	569	—
40314	Norton City Schools	286	(4)
40332	Manassas City Schools	4,296	(36)
40335	City of Salem Schools	1,801	12
40402	Williamsburg-James City County School Board	5,518	16
40403	Poquoson City Public Schools	922	3
40410	Valley Vocational Technical Center	156	—
40412	Charlottesville/Albemarle Vo-Tech Center	81	(1)

Virginia Retirement System
VRS Group Life Insurance Plan
Schedule of Net GLI OPEB Liability and Total GLI OPEB Expense - continued
As of the Measurement Date and for the Plan Year Ended June 30, 2018

(Dollars in Thousands)

Employer Code	Employer	Net GLI OPEB Liability June 30, 2018	Total GLI OPEB Expense FY 2018
40413	The Pruden Center for Industry and Technology	—	(21)
40414	Jackson River Technical Center	48	(1)
40415	New Horizons Technical Center	701	11
40416	Northern Neck Regional Vocational Center	90	(2)
40417	Rowanty Vocational Technical Center	55	(1)
40418	Amelia-Nottoway Vocational Center	17	—
40421	Northern Neck Regional Special Education Program	70	4
40423	Maggie Walker Governor's School for Govt & Intl Studies	359	2
40424	Appomattox Region Governor's School	136	(1)
40425	Bridging Communities Regional Career and Tech Center	43	1
	Sub-total Teachers	<u>\$ 648,444</u>	<u>\$ 4,898</u>

Political Subdivisions:

55100	Accomack County	\$ 933	\$ 9
55101	Albemarle County	3,302	32
55102	Alleghany County	625	11
55103	Amelia County	336	3
55104	Amherst County	692	15
55105	Appomattox County	313	(3)
55107	Augusta County	1,689	27
55108	Bath County	211	(3)
55109	Bedford County	1,583	38
55110	Bland County	199	5
55111	Botetourt County	914	—
55112	Brunswick County	427	10
55113	Buchanan County	847	(6)
55114	Buckingham County	336	—
55115	Campbell County	1,091	5
55116	Caroline County	977	27
55117	Carroll County	633	2
55118	Charles City County	255	5
55119	Charlotte County	354	3
55120	Chesterfield County	15,087	74
55121	Clarke County	385	6
55122	Craig County	131	4
55123	Culpeper County	1,474	19

Virginia Retirement System
VRS Group Life Insurance Plan
Schedule of Net GLI OPEB Liability and Total GLI OPEB Expense - continued
As of the Measurement Date and for the Plan Year Ended June 30, 2018

(Dollars in Thousands)

Employer Code	Employer	Net GLI OPEB Liability June 30, 2018	Total GLI OPEB Expense FY 2018
55124	Cumberland County	271	3
55125	Dickenson County	—	—
55126	Dinwiddie County	795	16
55128	Essex County	312	(1)
55130	Fauquier County	2,919	40
55131	Floyd County	342	8
55132	Fluvanna County	556	10
55133	Franklin County	1,137	14
55134	Frederick County	3,295	58
55135	Giles County	477	5
55136	Gloucester County	1,131	2
55137	Goochland County	912	21
55138	Grayson County	360	7
55139	Greene County	435	3
55140	Greensville County	377	6
55141	Halifax County	643	2
55142	Hanover County	5,054	57
55143	Henrico County	19,970	144
55144	Henry County	1,323	11
55145	Highland County	111	3
55146	Isle of Wight County	1,085	12
55147	James City County	3,241	31
55148	King George County	874	13
55149	King and Queen County	198	2
55150	King William County	313	3
55151	Lancaster County	392	4
55152	Lee County	402	(1)
55153	Loudoun County	16,786	184
55154	Louisa County	966	10
55155	Lunenburg County	169	(2)
55156	Madison County	369	3
55157	Mathews County	205	1
55158	Mecklenburg County	686	8
55159	Middlesex County	233	3
55160	Montgomery County	1,431	3
55162	Nelson County	328	2

Virginia Retirement System
VRS Group Life Insurance Plan
Schedule of Net GLI OPEB Liability and Total GLI OPEB Expense - continued
As of the Measurement Date and for the Plan Year Ended June 30, 2018

(Dollars in Thousands)

Employer Code	Employer	Net GLI OPEB Liability June 30, 2018	Total GLI OPEB Expense FY 2018
55163	New Kent County	728	11
55165	Northampton County	668	2
55166	Northumberland County	339	7
55167	Nottoway County	281	5
55168	Orange County	830	7
55169	Page County	567	4
55170	Patrick County	488	10
55171	Pittsylvania County	1,181	11
55172	Powhatan County	639	7
55173	Prince Edward County	416	1
55174	Prince George County	995	(1)
55176	Prince William County	21,239	270
55177	County of Pulaski	968	12
55178	Rappahannock County	230	—
55179	Richmond County	233	4
55180	Roanoke County	3,822	35
55181	Rockbridge County	542	6
55182	Rockingham County	2,081	27
55183	Russell County	494	7
55184	Scott County	456	4
55185	Shenandoah County	1,030	7
55186	Smyth County	602	(1)
55187	Southampton County	637	3
55188	Spotsylvania County	4,043	64
55189	Stafford County	4,189	60
55190	Surry County	332	2
55191	Sussex County	389	(3)
55192	Tazewell County	913	(4)
55193	Warren County	873	13
55195	Washington County	862	3
55196	Westmoreland County	496	14
55197	Wise County	882	3
55198	Wythe County	546	4
55199	York County	3,276	33
55200	City of Alexandria	—	—
55201	City of Bristol	1,095	(13)

Virginia Retirement System
VRS Group Life Insurance Plan
Schedule of Net GLI OPEB Liability and Total GLI OPEB Expense - continued
As of the Measurement Date and for the Plan Year Ended June 30, 2018

(Dollars in Thousands)

Employer Code	Employer	Net GLI OPEB Liability June 30, 2018	Total GLI OPEB Expense FY 2018
55202	City of Buena Vista	262	1
55203	Town of St. Paul	59	1
55204	Town of Clifton Forge	112	(3)
55205	City of Danville	—	—
55206	City of Fredericksburg	1,939	13
55207	City of Hampton	7,275	13
55208	City of Harrisonburg	2,429	19
55209	City of Hopewell	1,491	22
55210	City of Lynchburg	4,384	17
55211	Town of Crewe	80	4
55212	City of Norfolk	2,148	(9)
55213	City of Petersburg	1,790	(41)
55214	City of Portsmouth	5,491	13
55215	City of Radford	811	1
55216	City of Richmond	2,061	(7)
55217	City of Roanoke	710	2
55218	Town of Craigsville	16	—
55219	City of Staunton	1,118	9
55220	City of Suffolk	5,308	93
55221	City of Williamsburg	846	8
55222	City of Winchester	1,997	3
55223	City of Martinsville	1,079	(3)
55224	City of Falls Church	105	—
55225	City of Colonial Heights	1,053	(3)
55226	Town of Front Royal	608	4
55227	Town of Boyce	—	—
55228	Town of Middletown	—	—
55229	Town of Chilhowie	67	(2)
55230	City of Covington	303	—
55231	Town of Floyd	13	—
55232	City of Franklin	610	(1)
55233	City of Chesapeake	12,859	133
55234	City of Virginia Beach	26,225	256
55235	City of Norton	257	—
55236	City of Manassas Park	752	7
55237	Town of Exmore	—	—

Virginia Retirement System
VRS Group Life Insurance Plan
Schedule of Net GLI OPEB Liability and Total GLI OPEB Expense - continued
As of the Measurement Date and for the Plan Year Ended June 30, 2018

(Dollars in Thousands)

Employer Code	Employer	Net GLI OPEB Liability June 30, 2018	Total GLI OPEB Expense FY 2018
55238	Town of Pound	—	—
55239	Town of Grottoes	65	—
55240	Town of Onley	21	1
55241	Town of West Point	121	2
55242	Town of South Hill	—	—
55243	Town of Rural Retreat	—	—
55244	Town of Dillwyn	—	—
55245	Town of Scottsville	12	(1)
55246	Town of Burkeville	9	—
55247	Town of Madison	2	1
55248	Town of Pennington Gap	—	—
55249	Town of La Crosse	—	—
55250	Town of Rich Creek	10	2
55251	Town of White Stone	—	—
55252	Town of Windsor	48	(1)
55253	Town of Haysi	—	—
55254	Town of Stephens City	34	2
55255	Town of Broadax	—	—
55256	Town of Mineral	—	—
55257	Town of Lebanon	171	(1)
55258	City of Newport News	5,159	228
55259	Town of Richlands	—	—
55260	Town of Haymarket	45	(3)
55261	Town of Lovettsville	41	(3)
55300	Town of Abingdon	411	(5)
55301	Town of Dumfries	111	2
55302	Town of Iron Gate	3	(2)
55303	Town of Montross	7	—
55304	Town of South Boston	256	3
55305	Town of Gretna	36	—
55306	Town of Remington	12	—
55307	City of Lexington	397	(3)
55308	City of Waynesboro	1,054	(3)
55309	Town of Colonial Beach	140	(2)
55310	Town of Smithfield	228	3
55311	Town of Brookneal	23	(1)

Virginia Retirement System
VRS Group Life Insurance Plan
Schedule of Net GLI OPEB Liability and Total GLI OPEB Expense - continued
As of the Measurement Date and for the Plan Year Ended June 30, 2018

(Dollars in Thousands)

Employer Code	Employer	Net GLI OPEB Liability June 30, 2018	Total GLI OPEB Expense FY 2018
55312	Town of Hamilton	24	—
55313	City of Galax	493	—
55314	Town of Jonesville	31	—
55315	Town of Wytheville	524	2
55316	City of Fairfax	—	—
55317	Town of Vienna	991	9
55318	Town of Vinton	301	5
55319	City of Emporia	384	9
55320	Town of Culpeper	755	2
55321	Town of Woodstock	222	3
55322	Town of Glasgow	15	3
55323	Town of Marion	271	3
55324	Town of Altavista	181	3
55325	Town of Herndon	1,350	8
55326	Town of Pearisburg	106	—
55327	Town of Christiansburg	—	—
55328	Town of Wakefield	—	—
55329	Town of Leesburg	1,895	5
55330	Town of Chatham	41	(3)
55331	Town of Bowling Green	27	2
55332	City of Manassas	2,423	24
55333	Town of Alberta	—	—
55334	Town of Boydton	17	1
55335	City of Salem	1,811	(6)
55336	Town of McKenney	3	—
55337	Town of Narrows	—	—
55338	Town of Quantico	12	—
55339	Town of Halifax	26	(2)
55340	Town of Blacksburg	1,206	12
55341	Town of Chincoteague	161	2
55342	Town of Lawrenceville	72	—
55343	Town of Amherst	65	(2)
55344	Town of Stanley	52	3
55345	Town of Hillsville	119	2
55346	Town of Elkton	85	1
55347	Town of Bridgewater	199	3

Virginia Retirement System
VRS Group Life Insurance Plan
Schedule of Net GLI OPEB Liability and Total GLI OPEB Expense - continued
As of the Measurement Date and for the Plan Year Ended June 30, 2018

(Dollars in Thousands)

Employer Code	Employer	Net GLI OPEB Liability June 30, 2018	Total GLI OPEB Expense FY 2018
55348	Town of Purcellville	373	1
55349	Town of Timberville	52	3
55350	Town of Wise	174	1
55351	Town of New Market	66	(1)
55352	Town of Tappahannock	—	—
55353	Town of Rocky Mount	223	1
55354	Town of Big Stone Gap	—	—
55355	Town of Luray	154	(1)
55357	Town of Strasburg	224	2
55358	Town of Appomattox	—	—
55359	Town of Clarksville	67	—
55360	Town of Dublin	75	(2)
55361	Town of Middleburg	75	2
55362	Town of Edinburg	—	—
55363	Town of Chase City	94	1
55364	City of Bedford	310	3
55365	City of Poquoson	497	4
55366	Town of Ashland	269	2
55367	Town of Broadway	78	5
55368	Town of Berryville	119	2
55369	Town of Tazewell	—	—
55370	Town of Urbanna	7	—
55371	Town of Bluefield	190	—
55372	Town of Weber City	13	—
55374	Town of Hurt	11	—
55375	Town of Waverly	—	—
55376	Town of Coeburn	54	(2)
55377	Town of Dayton	65	1
55378	Town of Courtland	9	(1)
55379	Town of Cape Charles	109	2
55380	Town of Independence	—	—
55381	Town of Warsaw	49	2
55382	Town of Grundy	55	(3)
55383	Town of Warrenton	478	8
55384	Town of Louisa	54	(2)
55385	Town of Kenbridge	35	1

Virginia Retirement System
VRS Group Life Insurance Plan
Schedule of Net GLI OPEB Liability and Total GLI OPEB Expense - continued
As of the Measurement Date and for the Plan Year Ended June 30, 2018

(Dollars in Thousands)

Employer Code	Employer	Net GLI OPEB Liability June 30, 2018	Total GLI OPEB Expense FY 2018
55386	Town of Mt. Jackson	64	1
55387	Town of Pulaski	330	2
55388	Town of Jarratt	—	—
55389	Town of Pembroke	19	(1)
55390	Town of Parksley	11	(2)
55391	Town of Onancock	47	(2)
55392	Town of Victoria	40	(3)
55393	Town of Shenandoah	54	(1)
55394	Town of Gate City	—	—
55395	Town of Round Hill	66	(2)
55396	Town of Kilmarnock	72	2
55397	Town of Orange	186	1
55398	Town of Saltville	—	—
55399	Town of Blackstone	160	(2)
55401	Southeastern Virginia Public Service Authority	468	(3)
55402	Pittsylvania County Service Authority	26	1
55403	Spotsylvania-Stafford-Fredericksburg Group Home	43	(2)
55404	Appomattox Regional Library	54	—
55405	Staunton Redevelopment & Housing Authority	30	—
55406	Hampton Newport News Community Services Board	—	—
55408	Charles Pinckney Jones Memorial Library	7	(1)
55409	Southside Regional Juvenile Group Home Commission	10	1
55411	Hampton Roads Sanitation District	3,981	38
55412	Peninsula Airport Commission	182	(2)
55413	Richmond Redevelopment & Housing Authority	648	3
55415	Chesapeake Redevelopment & Housing Authority	168	4
55416	Alexandria Sanitation Authority	—	—
55417	Norfolk Airport Authority	945	16
55418	Charlottesville Redevelopment & Housing Authority	47	—
55419	Hampton Redevelopment & Housing Authority	231	1
55420	Loudoun County Sanitation Authority	1,756	28
55421	Danville Redevelopment & Housing Authority	105	1
55422	NRV Regional Water Authority	94	3
55423	Northern Virginia Juvenile Detention Home	358	(2)
55424	Hopewell Redevelopment and Housing Authority	—	—
55425	Colonial Services Board	727	13

Virginia Retirement System
VRS Group Life Insurance Plan
Schedule of Net GLI OPEB Liability and Total GLI OPEB Expense - continued
As of the Measurement Date and for the Plan Year Ended June 30, 2018

(Dollars in Thousands)

Employer Code	Employer	Net GLI OPEB Liability June 30, 2018	Total GLI OPEB Expense FY 2018
55426	Blacksburg-VPI Sanitation Authority	77	(2)
55427	Potomac River Fisheries Commission	22	(2)
55428	Chesapeake Bay Bridge & Tunnel District	643	5
55429	Alexandria Redevelopment & Housing Authority	395	5
55430	Albemarle County Service Authority	313	3
55431	Franklin Redevelopment & Housing Authority	36	2
55432	Bristol Redevelopment & Housing Authority	82	3
55433	Norfolk Redevelopment & Housing Authority	1,104	12
55435	Richmond Metropolitan Authority	300	(6)
55436	Riverside Regional Jail	1,242	12
55439	Rappahannock-Rapidan Planning District Commission	29	—
55440	Shenandoah Valley Juvenile Detention Home	256	8
55442	Southside Regional Library Board	—	—
55443	Bedford Public Library	53	(1)
55445	Chesterfield County Health Center Commission	482	(13)
55446	Washington County Service Authority	289	4
55447	Rappahannock Area Community Services Board	1,588	32
55449	Hampton Roads Planning District Commission	266	—
55450	Meherrin Regional Library	21	(1)
55451	New River Valley Planning District	—	—
55452	Northern Virginia Healthcare Center & District Home	—	—
55453	Rockbridge Area Community Services Board	346	6
55454	Greensville/Emporia Department of Social Services	86	(2)
55455	James City Service Authority	340	4
55456	Accomack-Northampton Planning District Commission	57	(3)
55457	Harrisonburg/Rockingham Sewer Authority	125	(1)
55458	Wytheville Redevelopment & Housing Authority	37	(3)
55459	Waynesboro Redevelopment and Housing Authority	55	(3)
55460	Region Ten Community Services Board	1,749	20
55462	LENOWISCO Planning District Commission	23	(4)
55465	Rivanna Water & Sewer Authority	389	6
55466	Appomattox River Water Authority	118	(3)
55467	Campbell County Utilities and Service Authority	100	1
55469	Eastern Shore Community Services Board	402	8
55470	ANCHOR Commission	15	—
55471	Central Virginia Community Services	2,226	(1)

Virginia Retirement System
VRS Group Life Insurance Plan
Schedule of Net GLI OPEB Liability and Total GLI OPEB Expense - continued
As of the Measurement Date and for the Plan Year Ended June 30, 2018

(Dollars in Thousands)

Employer Code	Employer	Net GLI OPEB Liability June 30, 2018	Total GLI OPEB Expense FY 2018
55472	District 19 Community Services Board	702	(2)
55473	Tidewater Transportation District	1,377	—
55474	Upper Occoquan Sewage Authority	1,114	3
55475	New River Valley Juvenile Detention Home	61	(4)
55476	Rockbridge Regional Library	—	—
55477	Frederick County Sanitation Authority	287	7
55478	Western Tidewater Community Services Board	—	—
55479	Cumberland Mountain Community Services	892	23
55482	Middle Peninsula/Northern Neck Public Service Auth	1,069	9
55483	Rockbridge County Public Service Authority	32	—
55484	Danville-Pittsylvania Mental Health Services Board	793	13
55485	Crater Youth Care Commission	102	3
55486	Southeastern Tidewater Manpower Authority	141	(2)
55487	Capital Regional Airport Commission	689	13
55488	Northwestern Community Services Board	597	16
55489	Harrisonburg-Rockingham Community Services Board	520	12
55491	Middle Peninsula Regional Security Center	227	(1)
55492	Northern Neck Planning District Commission	22	—
55493	Planning District One Community Services Board	20	—
55494	Rockbridge Area Social Services Board	78	2
55495	Dinwiddie County Water Authority	43	—
55496	Rappahannock Rapidan Community Services	814	(3)
55498	Valley Community Services Board	820	1
55499	Eastern Shore Public Library	18	2
55500	Alexandria City Public Schools	651	2
55501	Albemarle County Public Schools	568	8
55502	Alleghany Highlands Public Schools	145	—
55503	Charlottesville City Public Schools	159	(2)
55504	Amherst County Public Schools	214	2
55505	Appomattox County Public Schools	56	(1)
55506	Arlington County Public Schools	1,735	41
55507	Augusta County Public Schools	205	(2)
55508	Bath County Public Schools	51	(1)
55509	Bedford County Public Schools	441	—
55510	Bland County Public Schools	31	(1)
55511	Botetourt County Public Schools	204	3

Virginia Retirement System
VRS Group Life Insurance Plan
Schedule of Net GLI OPEB Liability and Total GLI OPEB Expense - continued
As of the Measurement Date and for the Plan Year Ended June 30, 2018

(Dollars in Thousands)

Employer Code	Employer	Net GLI OPEB Liability June 30, 2018	Total GLI OPEB Expense FY 2018
55512	Norfolk Public Schools	1,392	10
55513	Petersburg City Public Schools	188	(2)
55514	Buckingham County Public Schools	68	(2)
55515	Radford City Public Schools	28	(1)
55516	Caroline County Public Schools	110	1
55517	Carroll County Public Schools	164	(8)
55518	Charles City County Public Schools	19	(1)
55519	Charlotte County Public Schools	54	(1)
55520	Chesterfield County Public Schools	1,371	(50)
55521	Clarke County Public Schools	54	(2)
55522	Winchester City Public Schools	182	(1)
55523	Culpeper County Public Schools	361	4
55524	Cumberland County Public Schools	55	(2)
55525	Dickenson County Public Schools	104	(4)
55526	Dinwiddie County Public Schools	146	(5)
55528	Essex County Public Schools	52	(1)
55530	Covington City Public Schools	29	(3)
55531	Floyd County Public Schools	128	4
55532	Fluvanna County Public Schools	183	(1)
55533	Chesapeake City Public Schools	1,709	(7)
55534	Virginia Beach City Public Schools	3,604	9
55535	Giles County Public Schools	30	—
55536	Gloucester County Public Schools	241	(8)
55537	Goochland County Public Schools	61	1
55538	Grayson County Public Schools	77	(1)
55539	Greene County Public Schools	137	(1)
55540	Greensville County Public Schools	71	1
55541	Halifax County Public Schools	132	(4)
55542	Hanover County Public Schools	411	(11)
55543	Henrico County Public Schools	59	1
55544	Henry County Public Schools	286	4
55545	Highland County Public Schools	19	—
55546	Isle of Wight County Public Schools	128	(1)
55548	King George County Public Schools	202	4
55549	King and Queen County Public Schools	59	2
55550	King William County Public Schools	103	(1)

Virginia Retirement System
VRS Group Life Insurance Plan
Schedule of Net GLI OPEB Liability and Total GLI OPEB Expense - continued
As of the Measurement Date and for the Plan Year Ended June 30, 2018

(Dollars in Thousands)

Employer Code	Employer	Net GLI OPEB Liability June 30, 2018	Total GLI OPEB Expense FY 2018
55551	Lancaster County Public Schools	68	(2)
55552	Lee County Public Schools	159	1
55553	Loudoun County Public Schools	4,622	57
55554	Louisa County Public Schools	301	—
55555	Lunenburg County Public Schools	51	(2)
55556	Madison County Public Schools	68	1
55557	Mathews County Public Schools	64	(1)
55558	Mecklenburg County Public Schools	88	5
55559	Middlesex County Public Schools	37	—
55560	Montgomery County Public Schools	358	(18)
55562	Nelson County Public Schools	130	—
55563	New Kent County Public Schools	100	2
55565	Northampton County Public Schools	79	(1)
55566	Northumberland County Public Schools	58	—
55567	Nottoway County Public Schools	73	—
55568	Orange County Public Schools	249	(2)
55569	Page County Public Schools	149	(2)
55570	Patrick County Public Schools	143	(2)
55571	Pittsylvania County Public Schools	224	—
55572	Powhatan County Public Schools	136	(1)
55573	Prince Edward County Public Schools	48	(1)
55574	Prince George County Public Schools	295	(4)
55576	Prince William County Public Schools	4,637	40
55577	Pulaski County Public Schools	182	2
55578	Rappahannock County Public Schools	54	(2)
55579	Richmond County Public Schools	6	(1)
55580	Roanoke County Public Schools	252	(1)
55581	Rockbridge County Public Schools	105	(2)
55582	Rockingham County Public Schools	649	—
55583	Russell County Public Schools	210	(1)
55584	Scott County Public Schools	175	—
55585	Shenandoah County Public Schools	285	(3)
55586	Smyth County Public Schools	174	(2)
55587	Southampton County Public Schools	64	(1)
55588	Spotsylvania County Public Schools	743	—
55589	Stafford County Public Schools	696	5

Virginia Retirement System
VRS Group Life Insurance Plan
Schedule of Net GLI OPEB Liability and Total GLI OPEB Expense - continued
As of the Measurement Date and for the Plan Year Ended June 30, 2018

(Dollars in Thousands)

Employer Code	Employer	Net GLI OPEB Liability June 30, 2018	Total GLI OPEB Expense FY 2018
55590	Surry County Public Schools	76	(1)
55591	Sussex County School Board	72	—
55592	Tazewell County Public Schools	303	(3)
55593	Warren County Public Schools	156	—
55595	Washington County Public Schools	209	(2)
55596	Westmoreland County Public Schools	57	(1)
55597	Wise County Public Schools	118	(2)
55598	Wythe County Public Schools	108	1
55599	York County Public Schools	516	(2)
55600	Accomack County Public Schools	237	1
55601	Bristol VA Public Schools	74	9
55602	Buena Vista City Public Schools	30	2
55603	Amelia County Public Schools	70	(1)
55605	Danville City Public Schools	154	1
55606	Franklin City Public Schools	33	(2)
55608	Harrisonburg City Public Schools	173	3
55609	Hopewell City Public Schools	164	3
55610	Lynchburg City Public Schools	306	(1)
55611	Fauquier County Public Schools	598	4
55612	Brunswick County Public Schools	90	—
55613	PD Pruden Vocational-Technical Center	—	(1)
55614	Portsmouth City Public Schools	621	(4)
55615	Campbell County Public Schools	256	4
55616	Richmond Public Schools	829	(1)
55617	Roanoke City Schools	293	8
55619	Staunton City Public Schools	90	3
55620	Suffolk City Public Schools	541	2
55622	Craig County Public Schools	25	(2)
55623	Martinsville City Public Schools	39	—
55624	Appomattox Regional Governor's School	8	—
55625	Colonial Heights City Public Schools	102	2
55632	Manassas City Public Schools	275	(7)
55633	Franklin County Public Schools	441	6
55634	Frederick County Public Schools	706	4
55635	Salem City Public Schools	102	—
55636	Manassas Park City Public Schools	105	1

Virginia Retirement System
VRS Group Life Insurance Plan
Schedule of Net GLI OPEB Liability and Total GLI OPEB Expense - continued
As of the Measurement Date and for the Plan Year Ended June 30, 2018

(Dollars in Thousands)

Employer Code	Employer	Net GLI OPEB Liability June 30, 2018	Total GLI OPEB Expense FY 2018
55637	Newport News Public Schools	787	45
55708	Waynesboro City Public Schools	67	2
55710	Valley Vocational-Technical Center	6	—
55711	New Horizons Regional Education Center	25	1
55713	Galax City Public Schools	41	—
55714	Norton City Public Schools	17	(2)
55802	Williamsburg-James City County Public Schools	428	(1)
55803	Poquoson City Public Schools	42	(3)
55806	Fredericksburg City Public Schools	102	(2)
55807	Hampton City Public Schools	342	3
55813	Buchanan County Public Schools	163	(5)
55814	Jackson River Technical Center	6	—
55815	Northern Neck Regional Vocational Center	3	—
55862	Crater Criminal Justice Training Academy	22	4
55863	Central Shenandoah Criminal Justice Training Academy	31	5
55864	New River Valley Emergency Comm Regional Authority	124	23
55865	Maury Service Authority	57	10
55866	Hampton Roads Transportation Accountability Commission	20	2
55867	Pamunkey Regional Library	94	3
55868	Northern Virginia Transportation Authority	84	5
55869	RSW Regional Jail Authority	370	(3)
55870	Bedford Regional Water Authority	227	6
55871	Portsmouth Redevelopment and Housing Authority	283	(2)
55872	Southwest Regional Recreation Authority	34	4
55873	Roanoke Redevelopment and Housing Authority	—	—
55874	Meherrin Regional Jail Authority	395	(7)
55875	Woodway Water Authority	17	—
55876	Bristol Virginia Utilities Authority (BVU)	580	(10)
55877	Washington Metropolitan Area Transit Commission	—	—
55878	Mount Rogers Community Services Board	1,805	38
55879	Lonesome Pine Soil & Water Conservation District	3	1
55880	Big Sandy Soil & Water Conservation District	—	—
55881	Virginia's Region 2000 Local Government Council	140	1
55882	Middle Peninsula Planning District Commission	16	(2)
55883	Western Virginia Regional Jail Authority	648	5
55884	Halifax Service Authority	94	—

Virginia Retirement System
VRS Group Life Insurance Plan
Schedule of Net GLI OPEB Liability and Total GLI OPEB Expense - continued
As of the Measurement Date and for the Plan Year Ended June 30, 2018

(Dollars in Thousands)

Employer Code	Employer	Net GLI OPEB Liability June 30, 2018	Total GLI OPEB Expense FY 2018
55886	Russell County Public Service Authority	36	3
55887	Piedmont Community Services Board	846	10
55888	Blue Ridge Behavioral Health Care	1,117	15
55889	Skyline Soil and Water Conservation District	—	—
55890	Middle River Regional Jail Authority	554	12
55891	Tidewater Soil and Water Conservation District	—	—
55892	Big Stone Gap Redevelopment and Housing Authority	—	—
55893	Eastern Shore Soil and Water Conservation District	14	—
55894	Town of Boykins	—	—
55895	Town of Gordonsville	54	(2)
55896	Virginia Resources Authority	104	—
55897	Prince William County Services Authority	1,951	43
55898	Western Virginia Water Authority	813	16
55899	Shenandoah Valley Regional Airport Commission	52	2
55900	Alleghany Highlands Community Services Board	239	1
55901	Brunswick Industrial Development Authority	6	(1)
55902	Northern Neck-Essex County Group Home Commission	—	—
55904	Highlands Juvenile Detention Center Commission	153	(1)
55905	Goochland-Powhatan Community Services Board	185	2
55906	Suffolk Redevelopment and Housing Authority	94	—
55908	Lee County Redevelopment and Housing Authority	25	1
55909	Henry County Public Service Authority	186	(1)
55910	Southside Planning District Commission	40	—
55911	Industrial Development Authority	61	2
55912	Augusta County Service Authority	431	6
55914	Rappahannock Juvenile Detention Commission	269	—
55915	Cumberland Plateau Regional Housing Authority	44	2
55917	Bedford County Public Service Authority	—	—
55918	Amherst County Service Authority	79	1
55919	Pepper's Ferry Regional Wastewater Treatment Authority	79	(2)
55920	Rappahannock Regional Jail Authority	1,115	(11)
55921	Thomas Jefferson Planning District Commission	51	1
55922	Piedmont Regional Jail	388	8
55923	Nelson County Services Authority	74	(1)
55924	Coeburn-Norton-Wise Regional Water	45	(2)
55925	Fauquier County Water & Sanitation Authority	240	3

Virginia Retirement System
VRS Group Life Insurance Plan
Schedule of Net GLI OPEB Liability and Total GLI OPEB Expense - continued
As of the Measurement Date and for the Plan Year Ended June 30, 2018

(Dollars in Thousands)

Employer Code	Employer	Net GLI OPEB Liability June 30, 2018	Total GLI OPEB Expense FY 2018
55926	Scott County Soil & Water Conservation District	10	(1)
55927	New River Resource Authority	84	(2)
55928	Scott County Water & Sewage Authority	70	1
55929	Greensville County Water & Sewer Authority	91	—
55930	Petersburg Redevelopment & Housing Authority	93	(2)
55931	Central Rappahannock Regional Library	348	2
55932	Virginia Coalfield Economic Development Authority	25	—
55933	Central Virginia Regional Jail	476	16
55934	Thomas Jefferson Soil & Water Conservation District	32	(3)
55936	Piedmont Planning District Commission	—	—
55937	Wythe-Grayson Regional Library	21	1
55938	Colonial Soil & Water Conservation District	15	3
55939	Rivanna Solid Waste Authority	36	—
55940	Monacan Soil & Water Conservation District	12	—
55941	Robert E. Lee Soil & Water Conservation District	—	—
55942	Virginia Soil & Water Conservation	14	—
55944	Central Virginia Waste Management Authority	43	(1)
55945	Lonesome Pine Regional Library	65	(2)
55946	Virginia Peninsulas Public Service Authority	122	—
55947	Tidewater Regional Group Home Commission	185	(1)
55948	Virginia Highlands Airport Commission	19	—
55949	Western Tidewater Regional Jail	587	7
55950	Scott County Redevelopment & Housing Authority	21	(3)
55951	Handley Regional Library	49	(1)
55952	Northern Neck Regional Jail	268	1
55953	Montgomery Regional Solid Waste Authority	54	—
55954	Potomac & Rappahannock Transportation Comm	709	13
55955	Giles County Public Service Authority	34	(4)
55956	South Central Wastewater Authority	139	2
55957	Wise County Redevelopment and Housing Authority	52	(1)
55958	Prince William Soil & Water Conservation District	15	(2)
55959	Hampton Roads Regional Jail Authority	945	(3)
55960	Russell County Water & Sewage Authority	21	—
55961	Pamunkey Regional Jail	461	(3)
55962	Charlottesville - Albemarle Airport Authority	147	2
55963	Virginia Peninsula Regional Jail	399	—

Virginia Retirement System
VRS Group Life Insurance Plan
Schedule of Net GLI OPEB Liability and Total GLI OPEB Expense - continued
As of the Measurement Date and for the Plan Year Ended June 30, 2018

(Dollars in Thousands)

Employer Code	Employer	Net GLI OPEB Liability June 30, 2018	Total GLI OPEB Expense FY 2018
55964	Virginia Biotechnology Research Park Authority	44	2
55965	Peumansend Creek Regional Jail	—	(69)
55966	Blue Ridge Regional Jail Authority	1,182	(6)
55967	Rockingham Regional Library	56	4
55968	Albemarle-Charlottesville Regional Jail	616	5
55969	Culpeper Soil & Water Conservation District	39	(2)
55970	New River Valley Regional Jail	714	—
55971	Sussex Service Authority	73	2
55972	Big Water Soil & Water Conservation District	—	—
55973	Peter Francisco Soil & Water Conservation District	—	—
55974	Peaks of Otter Soil & Water Conservation District	3	(1)
55975	New River Soil & Water Conservation District	7	—
55977	Southside Regional Jail	150	(1)
55978	Evergreen Soil & Water Conservation District	9	—
55979	Roanoke Higher Education Authority	69	(2)
55981	John Marshall Soil & Water Conservation District	22	(2)
55982	Daniel Boone Soil & Water Conservation District	11	1
55983	Southside Community Services Board	546	3
55984	Northern Shenandoah Valley Regional Commission	40	—
55985	Tazewell Soil & Water Conservation District	9	2
55987	Richmond Regional Planning District Commission	—	—
55988	Henricopolis Soil & Water Conservation District	10	—
55989	Piedmont Regional Juvenile Detention Center	50	1
55990	Roanoke River Service Authority	23	—
55991	Lee County Public Service Authority	47	(2)
55992	Blue Ridge Juvenile Detention Center	161	4
55993	Ferrum Water & Sewage Authority	—	—
55994	Wise County Public Service Authority	80	2
55995	Holston River Soil & Water Conservation District	—	—
55996	New River Valley Community Services Board	—	—
55997	Institute for Advanced Learning and Research	—	—
55998	Southwest Virginia Regional Jail Authority	1,228	(4)
55999	Clinch Valley Soil & Water Conservation District	8	—
59212	City of Norfolk - Insurance Only Employees	15,317	31
59214	City of Portsmouth - Insurance Only Employees	191	(24)
59216	City of Richmond - Insurance Only Employees	14,240	(105)

Virginia Retirement System
VRS Group Life Insurance Plan
Schedule of Net GLI OPEB Liability and Total GLI OPEB Expense - continued
As of the Measurement Date and for the Plan Year Ended June 30, 2018

(Dollars in Thousands)

Employer Code	Employer	Net GLI OPEB Liability June 30, 2018	Total GLI OPEB Expense FY 2018
59217	City of Roanoke - Insurance Only Employees	5,770	3
59617	Roanoke City Schools - Insurance Only Employees	141	(13)
	Sub-Total Political Subdivisions	<u>\$ 406,504</u>	<u>\$ 2,875</u>
Total for VRS Group Life Insurance		<u><u>\$ 1,518,735</u></u>	<u><u>\$ 10,610</u></u>

The accompanying notes are an integral part of the Schedule of Net GLI OPEB Liability and Total GLI OPEB Expense.

Virginia Retirement System
VRS Group Life Insurance Plan
Schedule of Deferred Outflows and Deferred Inflows of Resources by Employer
As of the Measurement Date of June 30, 2018

(Dollars in Thousands)

Employer Code	Employer	Deferred Outflows of Resources						Deferred Inflows of Resources					
		Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on OPEB Plan Investments	Change of Assumptions	Changes in Proportionate Share	Total Deferred Outflows of Resources	Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on OPEB Plan Investments	Change of Assumptions	Changes in Proportionate Share	Total Deferred Inflows of Resources		
State:													
1XXXX	Judicial Retirement System Employees	\$ 266	\$ —	\$ —	\$ 3	\$ 269	\$ 95	\$ 177	\$ 230	\$ 149	\$ 651		
2XXXX	State Police Officers' Retirement System Employees	485	—	—	673	1,158	178	323	414	389	1,304		
35885	Fort Monroe Federal Area Development Authority	6	—	—	19	25	3	4	5	3	15		
3XXXX	All Other State Agency Employees	20,554	—	—	9,748	30,302	7,538	13,680	17,528	9,706	48,452		
7XXXX	Virginia Law Officers' Retirement System Employees	1,355	—	—	366	1,721	506	897	1,150	1,777	4,330		
	Sub-total State	\$ 22,666	\$ —	\$ —	\$ 10,809	\$ 33,475	\$ 8,320	\$ 15,081	\$ 19,327	\$ 12,024	\$ 54,752		
Teachers:													
40100	Accomack County School Board	\$ 110	\$ —	\$ —	\$ 33	\$ 143	\$ 40	\$ 73	\$ 93	\$ —	\$ 206		
40101	Albemarle County Schools	358	—	—	61	419	132	238	305	—	675		
40102	Alleghany County School Board	44	—	—	—	44	16	30	38	81	165		
40103	Amelia County School Board	33	—	—	11	44	12	22	28	33	95		
40104	Amherst County School Board	89	—	—	—	89	33	60	76	139	308		
40105	Appomattox County School Board	44	—	—	27	71	16	29	38	—	83		
40106	Arlington Public Schools	1,186	—	—	943	2,129	435	789	1,011	—	2,235		

Virginia Retirement System
VRS Group Life Insurance Plan
Schedule of Deferred Outflows and Deferred Inflows of Resources by Employer - continued
As of the Measurement Date of June 30, 2018

(Dollars in Thousands)

Employer Code	Employer	Deferred Outflows of Resources					Deferred Inflows of Resources				
		Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on OPEB Plan Investments	Change of Assumptions	Changes in Proportionate Share	Total Deferred Outflows of Resources	Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on OPEB Plan Investments	Change of Assumptions	Changes in Proportionate Share	Total Deferred Inflows of Resources
40107	Augusta County School Board	225	—	—	73	298	83	150	192	149	574
40108	Bath County School Board	18	—	—	—	18	7	12	15	16	50
40109	Bedford County School Board	196	—	—	37	233	72	131	167	73	443
40110	Bland County School Board	14	—	—	5	19	6	9	12	27	54
40111	Botetourt County Schools	104	—	—	—	104	38	69	89	80	276
40112	Brunswick County Public Schools	36	—	—	—	36	14	24	31	54	123
40113	Buchanan County School Board	54	—	—	—	54	20	36	46	116	218
40114	Buckingham County School Board	42	—	—	—	42	15	28	36	44	123
40115	Campbell County School Board	150	—	—	—	150	54	100	128	86	368
40116	Caroline County School Board	83	—	—	28	111	31	55	70	10	166
40117	Carroll County School Board	83	—	—	45	128	30	56	71	65	222
40118	Charles City County School Board	17	—	—	2	19	6	12	15	26	59
40119	Charlotte County School Board	45	—	—	—	45	16	30	38	16	100
40120	Chesterfield County School Board	1,186	—	—	657	1,843	435	789	1,011	—	2,235
40121	Clarke County School Board	48	—	—	—	48	18	32	41	—	91
40122	Craig County School Board	14	—	—	—	14	5	9	12	15	41
40123	Culpeper County School Board	173	—	—	13	186	64	115	148	27	354
40124	Cumberland County School Board	30	—	—	4	34	11	20	26	41	98
40125	Dickenson County School Board	37	—	—	—	37	14	25	32	110	181
40126	Dinwiddie County School Board	90	—	—	34	124	33	60	77	75	245

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		Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on OPEB Plan Investments	Change of Assumptions	Changes in Proportionate Share	Total Deferred Outflows of Resources	Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on OPEB Plan Investments	Change of Assumptions	Changes in Proportionate Share	Total Deferred Inflows of Resources
40128	Essex County Public Schools	30	—	—	—	30	11	20	26	61	118
40129	Fairfax County School Board	5,792	—	—	1,797	7,589	2,099	3,854	4,935	256	11,144
40130	Fauquier County School Board	285	—	—	—	285	105	190	243	237	775
40131	Floyd County School Board	42	—	—	11	53	15	28	35	19	97
40132	Fluvanna County Public Schools	95	—	—	—	95	34	63	81	34	212
40133	Franklin County Public Schools	168	—	—	109	277	61	112	144	—	317
40134	Frederick County School Board	346	—	—	13	359	126	230	295	49	700
40135	Giles County Schools	49	—	—	—	49	17	33	42	7	99
40136	Gloucester County School Board	117	—	—	68	185	43	78	100	77	298
40137	Goochland County School Board	60	—	—	14	74	23	40	51	—	114
40138	Grayson County School Board	35	—	—	17	52	13	23	30	15	81
40139	Greene County Public Schools	68	—	—	6	74	26	45	58	18	147
40140	Greensville County School Board	51	—	—	17	68	18	34	44	7	103
40141	Halifax County School Board	106	—	—	—	106	39	71	90	193	393
40142	Hanover County School Board	397	—	—	54	451	146	264	338	115	863
40143	Henrico County School Board	1,047	—	—	15	1,062	383	697	893	75	2,048
40144	Henry County Public Schools	143	—	—	16	159	53	95	122	51	321
40145	Highland County Public Schools	8	—	—	5	13	3	5	6	—	14
40146	Isle of Wight County Schools	116	—	—	—	116	42	77	99	24	242
40148	King George County School Board	89	—	—	126	215	33	60	76	40	209

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Employer Code	Employer	Deferred Outflows of Resources					Deferred Inflows of Resources				
		Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on OPEB Plan Investments	Change of Assumptions	Changes in Proportionate Share	Total Deferred Outflows of Resources	Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on OPEB Plan Investments	Change of Assumptions	Changes in Proportionate Share	Total Deferred Inflows of Resources
40149	King & Queen County School Board	18	—	—	6	24	7	12	15	—	34
40150	King William County School Board	47	—	—	—	47	17	31	40	23	111
40151	Lancaster County Public Schools	30	—	—	6	36	11	20	26	14	71
40152	Lee County School Board	74	—	—	7	81	27	49	63	10	149
40153	Loudoun County School Board	2,269	—	—	3,069	5,338	832	1,510	1,934	—	4,276
40154	Louisa County Public Schools	112	—	—	54	166	42	74	95	—	211
40155	Lunenburg County School Board	30	—	—	—	30	11	20	26	59	116
40156	Madison County School Board	40	—	—	17	57	14	27	34	10	85
40157	Mathews County School Board	25	—	—	—	25	9	17	21	24	71
40158	Mecklenburg County School Board	90	—	—	6	96	33	60	76	39	208
40159	Middlesex County School Board	30	—	—	17	47	11	20	26	—	57
40160	Montgomery County School Board	201	—	—	95	296	74	134	172	—	380
40162	Nelson County Public Schools	46	—	—	—	46	17	30	39	16	102
40163	New Kent County School Board	64	—	—	39	103	23	43	55	—	121
40165	Northampton County Schools	36	—	—	—	36	13	24	31	20	88
40166	Northumberland County School Board	32	—	—	24	56	11	22	28	—	61
40167	Nottoway County School Board	44	—	—	—	44	17	29	37	35	118
40168	Orange County Public Schools	105	—	—	—	105	39	70	89	53	251
40169	Page County Public Schools	72	—	—	—	72	27	48	61	63	199
40170	Patrick County School Board	51	—	—	2	53	19	34	44	46	143

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		Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on OPEB Plan Investments	Change of Assumptions	Changes in Proportionate Share	Total Deferred Outflows of Resources	Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on OPEB Plan Investments	Change of Assumptions	Changes in Proportionate Share	Total Deferred Inflows of Resources
40171	Pittsylvania County School Board	173	—	—	116	289	63	115	147	—	325
40172	Powhatan County School Board	92	—	—	6	98	34	61	79	73	247
40173	Prince Edward County School Board	47	—	—	5	52	18	31	40	35	124
40174	Prince George County School Board	128	—	—	—	128	47	85	109	89	330
40176	Prince William County School Board	2,129	—	—	1,208	3,337	780	1,417	1,815	—	4,012
40177	Pulaski County School Board	85	—	—	—	85	32	56	72	68	228
40178	Rappahannock County School Board	22	—	—	—	22	8	15	19	25	67
40179	Richmond County School Board	26	—	—	8	34	10	17	22	15	64
40180	Roanoke County School Board	301	—	—	171	472	110	200	257	167	734
40181	Rockbridge County School Board	65	—	—	—	65	24	43	55	9	131
40182	Rockingham County School Board	260	—	—	8	268	95	173	222	17	507
40183	Russell County School Board	72	—	—	—	72	26	48	61	40	175
40184	Scott County School Board	78	—	—	15	93	29	52	67	32	180
40185	Shenandoah County School Board	136	—	—	—	136	50	91	116	59	316
40186	Smyth County School Board	87	—	—	—	87	32	58	74	116	280
40187	Southampton County School Board	51	—	—	—	51	19	34	44	10	107
40188	Spotsylvania County School Board	494	—	—	—	494	181	329	421	349	1,280
40189	Stafford County School Board	599	—	—	294	893	219	399	511	251	1,380
40190	Surry County Schools	31	—	—	—	31	11	21	26	15	73
40191	Sussex County School Board	31	—	—	—	31	11	21	26	20	78

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		Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on OPEB Plan Investments	Change of Assumptions	Changes in Proportionate Share	Total Deferred Outflows of Resources	Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on OPEB Plan Investments	Change of Assumptions	Changes in Proportionate Share	Total Deferred Inflows of Resources
40192	Tazewell County Schools	101	—	—	—	101	37	67	86	158	348
40193	Warren County School Board	116	—	—	16	132	43	78	99	—	220
40195	Washington County School Board	138	—	—	—	138	51	92	117	108	368
40196	Westmoreland County School Board	38	—	—	50	88	14	25	33	19	91
40197	Wise County School Board	101	—	—	—	101	38	67	86	267	458
40198	Wythe County School Board	81	—	—	—	81	30	54	69	61	214
40199	York County School Board	266	—	—	—	266	97	177	226	165	665
40200	Alexandria City School Board	589	—	—	184	773	216	392	502	252	1,362
40201	Bristol City School Board	47	—	—	—	47	18	31	40	61	150
40202	Buena Vista City Schools	20	—	—	—	20	8	14	17	22	61
40203	Charlottesville Public Schools	152	—	—	21	173	56	101	130	20	307
40205	Danville City Schools	123	—	—	—	123	45	82	105	134	366
40206	Fredericksburg City Schools	91	—	—	9	100	34	60	77	22	193
40207	Hampton City Schools	431	—	—	43	474	158	287	367	229	1,041
40208	Harrisonburg City School Board	155	—	—	191	346	57	103	132	—	292
40209	Hopewell City School Board	97	—	—	60	157	36	65	83	36	220
40210	Lynchburg Public Schools	219	—	—	—	219	80	146	187	205	618
40211	Newport News Public Schools	632	—	—	—	632	232	421	539	286	1,478
40212	Norfolk Public Schools	815	—	—	—	815	299	543	695	1,421	2,958
40213	Petersburg City Schools	90	—	—	—	90	33	60	76	150	319

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		Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on OPEB Plan Investments	Change of Assumptions	Changes in Proportionate Share	Total Deferred Outflows of Resources	Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on OPEB Plan Investments	Change of Assumptions	Changes in Proportionate Share	Total Deferred Inflows of Resources
40214	Portsmouth School Board	318	—	—	—	318	116	212	271	214	813
40215	Radford City School Board	34	—	—	20	54	13	23	29	19	84
40216	Richmond Public Schools	656	—	—	250	906	241	437	559	198	1,435
40217	Roanoke City School Board	313	—	—	52	365	115	209	267	143	734
40219	Staunton City Schools	68	—	—	—	68	24	45	58	36	163
40220	Suffolk City School Board	301	—	—	43	344	111	200	256	22	589
40222	Winchester Public Schools	116	—	—	—	116	42	77	99	65	283
40223	Martinsville City Schools	46	—	—	—	46	17	30	39	43	129
40224	Falls Church Public Schools	101	—	—	—	101	38	67	86	35	226
40225	Colonial Heights City Schools	74	—	—	—	74	28	49	63	26	166
40230	Covington City School Board	21	—	—	20	41	8	14	18	25	65
40231	Fairfax City School Board	—	—	—	—	—	1	—	—	—	1
40232	Franklin City Public Schools	28	—	—	—	28	10	18	24	74	126
40233	Chesapeake Public Schools	908	—	—	97	1,005	333	604	774	40	1,751
40234	Virginia Beach City School Board	1,601	—	—	—	1,601	587	1,065	1,364	376	3,392
40236	Manassas Park City Schools	85	—	—	15	100	31	57	73	56	217
40306	Town of West Point School Board	21	—	—	28	49	8	14	18	5	45
40307	Lexington City School Board	11	—	—	6	17	4	7	10	—	21
40308	Waynesboro Public Schools	71	—	—	7	78	26	47	60	37	170
40309	Town of Colonial Beach Schools	14	—	—	8	22	6	9	12	8	35

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		Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on OPEB Plan Investments	Change of Assumptions	Changes in Proportionate Share	Total Deferred Outflows of Resources	Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on OPEB Plan Investments	Change of Assumptions	Changes in Proportionate Share	Total Deferred Inflows of Resources
40313	Galax City Schools	28	—	—	—	28	10	19	24	21	74
40314	Norton City Schools	14	—	—	—	14	5	9	12	33	59
40332	Manassas City Schools	210	—	—	—	210	77	140	179	346	742
40335	City of Salem Schools	88	—	—	3	91	32	59	75	8	174
40402	Williamsburg-James City County School Board	270	—	—	—	270	98	180	230	117	625
40403	Poquoson City Public Schools	45	—	—	3	48	17	30	38	22	107
40410	Valley Vocational Technical Center	8	—	—	—	8	3	5	6	6	20
40412	Charlottesville/Albemarle Vo-Tech Center	4	—	—	6	10	1	3	3	14	21
40413	The Pruden Center for Industry and Technology	—	—	—	—	—	—	—	—	114	114
40414	Jackson River Technical Center	2	—	—	—	2	—	2	2	20	24
40415	New Horizons Technical Center	34	—	—	31	65	13	23	29	—	65
40416	Northern Neck Regional Vocational Center	4	—	—	—	4	1	3	4	5	13
40417	Rowanty Vocational Technical Center	3	—	—	—	3	1	2	2	7	12
40418	Amelia-Nottoway Vocational Center	1	—	—	—	1	—	1	1	—	2
40421	Northern Neck Regional Special Education Program	3	—	—	3	6	1	2	3	—	6
40423	Maggie Walker Governor's School for Govt & Intl Studies	18	—	—	—	18	6	12	15	—	33
40424	Appomattox Region Governor's School	7	—	—	—	7	2	4	6	13	25
40425	Bridging Communities Regional Career and Tech Center	2	—	—	5	7	1	1	2	—	4

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		Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on OPEB Plan Investments	Change of Assumptions	Changes in Proportionate Share	Total Deferred Outflows of Resources	Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on OPEB Plan Investments	Change of Assumptions	Changes in Proportionate Share	Total Deferred Inflows of Resources
	Sub-total Teachers	\$ 31,706	\$ —	\$ —	\$ 10,585	\$ 42,291	\$ 11,608	\$ 21,106	\$ 27,026	\$ 10,127	\$ 69,867
55100	Accomack County	\$ 46	\$ —	\$ —	\$ —	\$ 46	\$ 17	\$ 30	\$ 39	\$ —	\$ 86
55101	Albemarle County	161	—	—	57	218	59	107	138	9	313
55102	Alleghany County	31	—	—	34	65	12	20	26	—	58
55103	Amelia County	16	—	—	8	24	6	11	14	4	35
55104	Amherst County	34	—	—	49	83	12	23	29	—	64
55105	Appomattox County	15	—	—	—	15	6	10	13	23	52
55107	Augusta County	83	—	—	69	152	31	55	70	—	156
55108	Bath County	10	—	—	—	10	3	7	9	14	33
55109	Bedford County	77	—	—	127	204	29	51	66	—	146
55110	Bland County	10	—	—	20	30	4	6	8	—	18
55111	Botetourt County	45	—	—	3	48	16	30	38	37	121
55112	Brunswick County	21	—	—	40	61	7	14	18	—	39
55113	Buchanan County	41	—	—	—	41	15	28	35	55	133
55114	Buckingham County	16	—	—	—	16	6	11	14	6	37
55115	Campbell County	53	—	—	5	58	21	35	45	21	122
55116	Caroline County	48	—	—	110	158	17	32	41	—	90
55117	Carroll County	31	—	—	—	31	11	21	26	9	67

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55118	Charles City County	12	—	—	5	17	5	8	11	—	24
55119	Charlotte County	17	—	—	3	20	6	12	15	—	33
55120	Chesterfield County	738	—	—	—	738	270	491	629	150	1,540
55121	Clarke County	19	—	—	11	30	6	13	16	—	35
55122	Craig County	6	—	—	11	17	3	4	5	—	12
55123	Culpeper County	72	—	—	43	115	27	48	61	—	136
55124	Cumberland County	13	—	—	—	13	5	9	11	—	25
55125	Dickenson County	—	—	—	—	—	—	—	—	—	—
55126	Dinwiddie County	39	—	—	46	85	14	26	33	—	73
55128	Essex County	15	—	—	—	15	6	10	13	11	40
55130	Fauquier County	143	—	—	104	247	52	95	122	—	269
55131	Floyd County	17	—	—	29	46	7	11	14	—	32
55132	Fluvanna County	27	—	—	27	54	10	18	23	—	51
55133	Franklin County	56	—	—	37	93	21	37	47	10	115
55134	Frederick County	161	—	—	163	324	60	107	137	—	304
55135	Giles County	23	—	—	9	32	9	15	20	—	44
55136	Gloucester County	55	—	—	—	55	20	37	47	31	135
55137	Goochland County	45	—	—	80	125	16	30	38	—	84
55138	Grayson County	18	—	—	16	34	6	12	15	—	33
55139	Greene County	21	—	—	6	27	8	14	18	8	48

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55140	Greensville County	18	—	—	13	31	7	12	16	—	35
55141	Halifax County	31	—	—	—	31	11	21	27	8	67
55142	Hanover County	247	—	—	109	356	91	164	211	—	466
55143	Henrico County	976	—	—	185	1,161	358	650	832	197	2,037
55144	Henry County	65	—	—	8	73	24	43	55	—	122
55145	Highland County	5	—	—	—	5	1	4	5	—	10
55146	Isle of Wight County	53	—	—	24	77	20	35	45	—	100
55147	James City County	158	—	—	42	200	59	105	135	—	299
55148	King George County	43	—	—	38	81	17	28	36	—	81
55149	King and Queen County	10	—	—	3	13	4	6	8	—	18
55150	King William County	15	—	—	6	21	6	10	13	—	29
55151	Lancaster County	19	—	—	8	27	7	13	16	3	39
55152	Lee County	20	—	—	—	20	7	13	17	7	44
55153	Loudoun County	821	—	—	356	1,177	300	546	700	—	1,546
55154	Louisa County	47	—	—	12	59	18	31	40	—	89
55155	Lunenburg County	8	—	—	—	8	4	5	7	12	28
55156	Madison County	18	—	—	11	29	7	12	15	—	34
55157	Mathews County	10	—	—	—	10	3	7	9	6	25
55158	Mecklenburg County	34	—	—	4	38	12	22	29	—	63
55159	Middlesex County	11	—	—	3	14	3	8	10	—	21

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55160	Montgomery County	70	—	—	—	70	25	47	60	33	165
55162	Nelson County	16	—	—	—	16	5	11	14	—	30
55163	New Kent County	36	—	—	23	59	13	24	30	—	67
55165	Northampton County	33	—	—	—	33	12	22	28	7	69
55166	Northumberland County	17	—	—	15	32	6	11	14	—	31
55167	Nottoway County	14	—	—	—	14	5	9	12	—	26
55168	Orange County	41	—	—	16	57	14	27	35	15	91
55169	Page County	28	—	—	—	28	10	18	24	2	54
55170	Patrick County	24	—	—	37	61	9	16	20	—	45
55171	Pittsylvania County	58	—	—	6	64	22	38	49	—	109
55172	Powhatan County	31	—	—	17	48	11	21	27	7	66
55173	Prince Edward County	20	—	—	—	20	7	14	17	7	45
55174	Prince George County	49	—	—	—	49	19	32	41	42	134
55176	Prince William County	1,038	—	—	651	1,689	381	691	885	—	1,957
55177	County of Pulaski	47	—	—	23	70	18	31	40	—	89
55178	Rappahannock County	11	—	—	5	16	4	7	10	13	34
55179	Richmond County	11	—	—	10	21	3	8	10	—	21
55180	Roanoke County	187	—	—	36	223	69	124	159	—	352
55181	Rockbridge County	26	—	—	10	36	9	18	23	—	50
55182	Rockingham County	102	—	—	59	161	37	68	87	—	192

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VRS Group Life Insurance Plan
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(Dollars in Thousands)

Employer Code	Employer	Deferred Outflows of Resources					Deferred Inflows of Resources				
		Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on OPEB Plan Investments	Change of Assumptions	Changes in Proportionate Share	Total Deferred Outflows of Resources	Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on OPEB Plan Investments	Change of Assumptions	Changes in Proportionate Share	Total Deferred Inflows of Resources
55183	Russell County	24	—	—	23	47	9	16	21	—	46
55184	Scott County	22	—	—	—	22	8	15	19	9	51
55185	Shenandoah County	50	—	—	—	50	18	34	43	14	109
55186	Smyth County	29	—	—	—	29	10	20	25	22	77
55187	Southampton County	31	—	—	7	38	11	21	27	—	59
55188	Spotsylvania County	198	—	—	177	375	72	132	168	—	372
55189	Stafford County	205	—	—	146	351	75	136	175	—	386
55190	Surry County	16	—	—	5	21	6	11	14	—	31
55191	Sussex County	19	—	—	—	19	7	13	16	32	68
55192	Tazewell County	45	—	—	—	45	16	30	38	46	130
55193	Warren County	43	—	—	38	81	16	28	36	—	80
55195	Washington County	42	—	—	5	47	15	28	36	17	96
55196	Westmoreland County	24	—	—	49	73	9	16	21	—	46
55197	Wise County	43	—	—	14	57	15	29	37	27	108
55198	Wythe County	27	—	—	10	37	9	18	23	12	62
55199	York County	160	—	—	75	235	59	107	136	16	318
55200	City of Alexandria	—	—	—	—	—	—	—	—	—	—
55201	City of Bristol	54	—	—	—	54	19	36	46	107	208
55202	City of Buena Vista	13	—	—	10	23	5	8	11	13	37
55203	Town of St. Paul	3	—	—	—	3	1	2	2	—	5

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(Dollars in Thousands)

Employer Code	Employer	Deferred Outflows of Resources					Deferred Inflows of Resources				
		Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on OPEB Plan Investments	Change of Assumptions	Changes in Proportionate Share	Total Deferred Outflows of Resources	Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on OPEB Plan Investments	Change of Assumptions	Changes in Proportionate Share	Total Deferred Inflows of Resources
55204	Town of Clifton Forge	5	—	—	—	5	1	4	5	8	18
55205	City of Danville	—	—	—	—	—	—	—	—	—	—
55206	City of Fredericksburg	95	—	—	23	118	35	63	81	21	200
55207	City of Hampton	356	—	—	—	356	130	237	303	202	872
55208	City of Harrisonburg	119	—	—	10	129	44	79	101	—	224
55209	City of Hopewell	73	—	—	54	127	26	49	62	—	137
55210	City of Lynchburg	214	—	—	—	214	78	143	183	70	474
55211	Town of Crewe	4	—	—	2	6	1	3	3	—	7
55212	City of Norfolk	105	—	—	—	105	38	70	90	114	312
55213	City of Petersburg	87	—	—	56	143	32	58	75	286	451
55214	City of Portsmouth	268	—	—	24	292	98	179	229	132	638
55215	City of Radford	40	—	—	—	40	15	26	34	25	100
55216	City of Richmond	101	—	—	—	101	37	67	86	101	291
55217	City of Roanoke	35	—	—	—	35	12	23	30	18	83
55218	Town of Craigsville	1	—	—	—	1	(1)	1	1	—	1
55219	City of Staunton	55	—	—	20	75	20	36	47	15	118
55220	City of Suffolk	260	—	—	248	508	95	173	221	—	489
55221	City of Williamsburg	41	—	—	23	64	15	28	35	6	84
55222	City of Winchester	98	—	—	—	98	36	65	83	47	231
55223	City of Martinsville	53	—	—	—	53	19	35	45	48	147

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Employer Code	Employer	Deferred Outflows of Resources					Deferred Inflows of Resources				
		Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on OPEB Plan Investments	Change of Assumptions	Changes in Proportionate Share	Total Deferred Outflows of Resources	Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on OPEB Plan Investments	Change of Assumptions	Changes in Proportionate Share	Total Deferred Inflows of Resources
55224	City of Falls Church	5	—	—	—	5	3	3	4	7	17
55225	City of Colonial Heights	51	—	—	—	51	19	34	44	49	146
55226	Town of Front Royal	30	—	—	2	32	11	20	25	3	59
55227	Town of Boyce	—	—	—	—	—	—	—	—	—	—
55228	Town of Middletown	—	—	—	—	—	—	—	—	—	—
55229	Town of Chilhowie	3	—	—	—	3	1	2	3	—	6
55230	City of Covington	15	—	—	—	15	5	10	13	10	38
55231	Town of Floyd	1	—	—	—	1	—	—	1	—	1
55232	City of Franklin	30	—	—	—	30	11	20	25	20	76
55233	City of Chesapeake	629	—	—	194	823	231	418	536	—	1,185
55234	City of Virginia Beach	1,282	—	—	344	1,626	470	853	1,093	—	2,416
55235	City of Norton	13	—	—	—	13	5	8	11	8	32
55236	City of Manassas Park	37	—	—	8	45	14	24	31	—	69
55237	Town of Exmore	—	—	—	—	—	—	—	—	—	—
55238	Town of Pound	—	—	—	—	—	—	—	—	—	—
55239	Town of Grottoes	3	—	—	—	3	1	2	3	—	6
55240	Town of Onley	1	—	—	—	1	—	1	1	—	2
55241	Town of West Point	6	—	—	—	6	2	4	5	—	11
55242	Town of South Hill	—	—	—	—	—	—	—	—	—	—
55243	Town of Rural Retreat	—	—	—	—	—	—	—	—	—	—

Virginia Retirement System
VRS Group Life Insurance Plan
Schedule of Deferred Outflows and Deferred Inflows of Resources by Employer - continued
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(Dollars in Thousands)

Employer Code	Employer	Deferred Outflows of Resources					Deferred Inflows of Resources				
		Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on OPEB Plan Investments	Change of Assumptions	Changes in Proportionate Share	Total Deferred Outflows of Resources	Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on OPEB Plan Investments	Change of Assumptions	Changes in Proportionate Share	Total Deferred Inflows of Resources
55244	Town of Dillwyn	—	—	—	—	—	—	—	—	—	—
55245	Town of Scottsville	1	—	—	—	1	—	—	1	3	4
55246	Town of Burkeville	—	—	—	—	—	1	—	—	—	1
55247	Town of Madison	—	—	—	—	—	—	—	—	—	—
55248	Town of Pennington Gap	—	—	—	—	—	—	—	—	—	—
55249	Town of La Crosse	—	—	—	—	—	—	—	—	—	—
55250	Town of Rich Creek	—	—	—	9	9	1	—	—	—	1
55251	Town of White Stone	—	—	—	—	—	—	—	—	—	—
55252	Town of Windsor	2	—	—	—	2	—	2	2	—	4
55253	Town of Haysi	—	—	—	—	—	—	—	—	—	—
55254	Town of Stephens City	2	—	—	—	2	1	1	1	—	3
55255	Town of Broadax	—	—	—	—	—	—	—	—	—	—
55256	Town of Mineral	—	—	—	—	—	—	—	—	—	—
55257	Town of Lebanon	8	—	—	2	10	3	6	7	—	16
55258	City of Newport News	252	—	—	946	1,198	92	168	215	—	475
55259	Town of Richlands	—	—	—	—	—	—	—	—	—	—
55260	Town of Haymarket	2	—	—	—	2	1	1	2	4	8
55261	Town of Lovettsville	2	—	—	—	2	1	1	2	—	4
55300	Town of Abingdon	20	—	—	—	20	8	13	17	43	81
55301	Town of Dumfries	5	—	—	28	33	1	4	5	20	30

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Employer Code	Employer	Deferred Outflows of Resources					Deferred Inflows of Resources				
		Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on OPEB Plan Investments	Change of Assumptions	Changes in Proportionate Share	Total Deferred Outflows of Resources	Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on OPEB Plan Investments	Change of Assumptions	Changes in Proportionate Share	Total Deferred Inflows of Resources
55302	Town of Iron Gate	—	—	—	—	—	—	—	—	—	—
55303	Town of Montross	—	—	—	—	—	1	—	—	—	1
55304	Town of South Boston	13	—	—	5	18	5	8	11	—	24
55305	Town of Gretna	2	—	—	—	2	—	1	2	—	3
55306	Town of Remington	1	—	—	—	1	—	—	1	—	1
55307	City of Lexington	19	—	—	13	32	7	13	17	37	74
55308	City of Waynesboro	52	—	—	—	52	19	34	44	44	141
55309	Town of Colonial Beach	7	—	—	—	7	2	5	6	12	25
55310	Town of Smithfield	11	—	—	10	21	4	7	10	7	28
55311	Town of Brookneal	1	—	—	—	1	—	1	1	—	2
55312	Town of Hamilton	1	—	—	—	1	—	1	1	—	2
55313	City of Galax	24	—	—	—	24	8	16	21	17	62
55314	Town of Jonesville	2	—	—	—	2	1	1	1	—	3
55315	Town of Wytheville	26	—	—	—	26	9	17	22	11	59
55316	City of Fairfax	—	—	—	—	—	—	—	—	—	—
55317	Town of Vienna	48	—	—	9	57	18	32	41	—	91
55318	Town of Vinton	15	—	—	19	34	5	10	13	—	28
55319	City of Emporia	19	—	—	28	47	7	12	16	—	35
55320	Town of Culpeper	37	—	—	4	41	14	25	31	22	92
55321	Town of Woodstock	11	—	—	8	19	4	7	9	—	20

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Employer Code	Employer	Deferred Outflows of Resources					Deferred Inflows of Resources				
		Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on OPEB Plan Investments	Change of Assumptions	Changes in Proportionate Share	Total Deferred Outflows of Resources	Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on OPEB Plan Investments	Change of Assumptions	Changes in Proportionate Share	Total Deferred Inflows of Resources
55322	Town of Glasgow	1	—	—	—	1	—	—	1	—	1
55323	Town of Marion	13	—	—	9	22	5	9	11	3	28
55324	Town of Altavista	9	—	—	10	19	3	6	8	—	17
55325	Town of Herndon	66	—	—	11	77	24	44	56	23	147
55326	Town of Pearisburg	5	—	—	—	5	3	3	4	5	15
55327	Town of Christiansburg	—	—	—	—	—	—	—	—	—	—
55328	Town of Wakefield	—	—	—	—	—	—	—	—	—	—
55329	Town of Leesburg	93	—	—	27	120	34	62	79	56	231
55330	Town of Chatham	2	—	—	—	2	1	1	2	12	16
55331	Town of Bowling Green	1	—	—	7	8	1	1	1	—	3
55332	City of Manassas	118	—	—	29	147	43	79	101	—	223
55333	Town of Alberta	—	—	—	—	—	—	—	—	—	—
55334	Town of Boydton	1	—	—	—	1	—	1	1	—	2
55335	City of Salem	89	—	—	—	89	33	59	75	98	265
55336	Town of McKenney	—	—	—	—	—	—	—	—	—	—
55337	Town of Narrows	—	—	—	—	—	—	—	—	—	—
55338	Town of Quantico	1	—	—	—	1	—	—	1	—	1
55339	Town of Halifax	1	—	—	—	1	—	1	1	—	2
55340	Town of Blacksburg	59	—	—	18	77	22	39	50	—	111
55341	Town of Chincoteague	8	—	—	3	11	3	5	7	—	15

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Employer Code	Employer	Deferred Outflows of Resources					Deferred Inflows of Resources				
		Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on OPEB Plan Investments	Change of Assumptions	Changes in Proportionate Share	Total Deferred Outflows of Resources	Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on OPEB Plan Investments	Change of Assumptions	Changes in Proportionate Share	Total Deferred Inflows of Resources
55342	Town of Lawrenceville	4	—	—	—	4	2	2	3	7	14
55343	Town of Amherst	3	—	—	—	3	1	2	3	—	6
55344	Town of Stanley	3	—	—	—	3	1	2	2	—	5
55345	Town of Hillsville	6	—	—	—	6	2	4	5	—	11
55346	Town of Elkton	4	—	—	6	10	1	3	4	2	10
55347	Town of Bridgewater	10	—	—	16	26	4	6	8	5	23
55348	Town of Purcellville	18	—	—	4	22	6	12	16	13	47
55349	Town of Timberville	3	—	—	4	7	1	2	2	—	5
55350	Town of Wise	8	—	—	6	14	3	6	7	7	23
55351	Town of New Market	3	—	—	—	3	1	2	3	—	6
55352	Town of Tappahannock	—	—	—	—	—	—	—	—	—	—
55353	Town of Rocky Mount	11	—	—	6	17	5	7	9	—	21
55354	Town of Big Stone Gap	—	—	—	—	—	—	—	—	—	—
55355	Town of Luray	8	—	—	—	8	3	5	6	12	26
55357	Town of Strasburg	11	—	—	3	14	5	7	9	7	28
55358	Town of Appomattox	—	—	—	—	—	—	—	—	—	—
55359	Town of Clarksville	3	—	—	—	3	1	2	3	—	6
55360	Town of Dublin	4	—	—	—	4	2	2	3	—	7
55361	Town of Middleburg	4	—	—	6	10	2	2	3	—	7
55362	Town of Edinburg	—	—	—	—	—	—	—	—	—	—

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Employer Code	Employer	Deferred Outflows of Resources					Deferred Inflows of Resources				
		Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on OPEB Plan Investments	Change of Assumptions	Changes in Proportionate Share	Total Deferred Outflows of Resources	Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on OPEB Plan Investments	Change of Assumptions	Changes in Proportionate Share	Total Deferred Inflows of Resources
55363	Town of Chase City	5	—	—	3	8	2	3	4	4	13
55364	City of Bedford	15	—	—	3	18	6	10	13	—	29
55365	City of Poquoson	24	—	—	12	36	9	16	21	3	49
55366	Town of Ashland	13	—	—	5	18	5	9	11	3	28
55367	Town of Broadway	4	—	—	2	6	1	3	3	—	7
55368	Town of Berryville	6	—	—	—	6	2	4	5	—	11
55369	Town of Tazewell	—	—	—	—	—	—	—	—	—	—
55370	Town of Urbanna	—	—	—	—	—	1	—	—	—	1
55371	Town of Bluefield	9	—	—	—	9	3	6	8	—	17
55372	Town of Weber City	1	—	—	—	1	—	—	1	—	1
55374	Town of Hurt	1	—	—	—	1	1	—	—	—	1
55375	Town of Waverly	—	—	—	—	—	—	—	—	—	—
55376	Town of Coeburn	3	—	—	—	3	1	2	2	8	13
55377	Town of Dayton	3	—	—	—	3	1	2	3	—	6
55378	Town of Courtland	—	—	—	—	—	1	—	—	—	1
55379	Town of Cape Charles	5	—	—	5	10	1	4	5	—	10
55380	Town of Independence	—	—	—	—	—	—	—	—	—	—
55381	Town of Warsaw	2	—	—	8	10	1	2	2	—	5
55382	Town of Grundy	3	—	—	—	3	1	2	2	—	5
55383	Town of Warrenton	23	—	—	25	48	8	16	20	—	44

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Employer Code	Employer	Deferred Outflows of Resources					Deferred Inflows of Resources				
		Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on OPEB Plan Investments	Change of Assumptions	Changes in Proportionate Share	Total Deferred Outflows of Resources	Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on OPEB Plan Investments	Change of Assumptions	Changes in Proportionate Share	Total Deferred Inflows of Resources
55384	Town of Louisa	3	—	—	—	3	1	2	2	—	5
55385	Town of Kenbridge	2	—	—	—	2	1	1	1	—	3
55386	Town of Mt. Jackson	3	—	—	6	9	1	2	3	—	6
55387	Town of Pulaski	16	—	—	13	29	5	11	14	14	44
55388	Town of Jarratt	—	—	—	—	—	—	—	—	—	—
55389	Town of Pembroke	1	—	—	—	1	—	1	1	—	2
55390	Town of Parksley	1	—	—	—	1	1	—	—	7	8
55391	Town of Onancock	2	—	—	—	2	—	2	2	2	6
55392	Town of Victoria	2	—	—	—	2	1	1	2	—	4
55393	Town of Shenandoah	3	—	—	—	3	1	2	2	2	7
55394	Town of Gate City	—	—	—	—	—	—	—	—	—	—
55395	Town of Round Hill	3	—	—	—	3	1	2	3	—	6
55396	Town of Kilmarnock	4	—	—	5	9	2	2	3	—	7
55397	Town of Orange	9	—	—	3	12	3	6	8	4	21
55398	Town of Saltville	—	—	—	—	—	—	—	—	—	—
55399	Town of Blackstone	8	—	—	—	8	3	5	7	14	29
55401	Southeastern Virginia Public Service Authority	23	—	—	—	23	8	15	20	24	67
55402	Pittsylvania County Service Authority	1	—	—	—	1	—	1	1	3	5
55403	Spotsylvania-Stafford-Fredericksburg Group Home Comm.	2	—	—	—	2	1	1	2	—	4

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Employer Code	Employer	Deferred Outflows of Resources					Deferred Inflows of Resources				
		Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on OPEB Plan Investments	Change of Assumptions	Changes in Proportionate Share	Total Deferred Outflows of Resources	Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on OPEB Plan Investments	Change of Assumptions	Changes in Proportionate Share	Total Deferred Inflows of Resources
55404	Appomattox Regional Library	3	—	—	5	8	1	2	2	3	8
55405	Staunton Redevelopment & Housing Authority	1	—	—	—	1	1	1	1	—	3
55406	Hampton Newport News Community Services Board	—	—	—	—	—	—	—	—	—	—
55408	Charles Pinckney Jones Memorial Library	—	—	—	—	—	1	—	—	—	1
55409	Southside Regional Juvenile Group Home Commission	—	—	—	—	—	1	—	—	—	1
55411	Hampton Roads Sanitation District	195	—	—	51	246	71	130	166	—	367
55412	Peninsula Airport Commission	9	—	—	—	9	3	6	8	17	34
55413	Richmond Redevelopment & Housing Authority	32	—	—	15	47	12	21	27	34	94
55415	Chesapeake Redevelopment & Housing Authority	8	—	—	—	8	3	5	7	—	15
55416	Alexandria Sanitation Authority	—	—	—	—	—	—	—	—	—	—
55417	Norfolk Airport Authority	46	—	—	24	70	17	31	39	—	87
55418	Charlottesville Redevelopment & Housing Authority	2	—	—	7	9	—	2	2	6	10
55419	Hampton Redevelopment & Housing Authority	11	—	—	—	11	3	8	10	6	27
55420	Loudoun County Sanitation Authority	86	—	—	76	162	32	57	73	—	162
55421	Danville Redevelopment & Housing Authority	5	—	—	—	5	3	3	4	—	10
55422	NRV Regional Water Authority	5	—	—	9	14	2	3	4	—	9

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		Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on OPEB Plan Investments	Change of Assumptions	Changes in Proportionate Share	Total Deferred Outflows of Resources	Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on OPEB Plan Investments	Change of Assumptions	Changes in Proportionate Share	Total Deferred Inflows of Resources
55423	Northern Virginia Juvenile Detention Home	17	—	—	16	33	6	12	15	32	65
55424	Hopewell Redevelopment and Housing Authority	—	—	—	—	—	—	—	—	—	—
55425	Colonial Services Board	36	—	—	44	80	13	24	30	—	67
55426	Blacksburg-VPI Sanitation Authority	4	—	—	—	4	2	2	3	—	7
55427	Potomac River Fisheries Commission	1	—	—	—	1	—	1	1	—	2
55428	Chesapeake Bay Bridge & Tunnel District	31	—	—	3	34	11	21	27	—	59
55429	Alexandria Redevelopment & Housing Authority	19	—	—	2	21	7	13	16	—	36
55430	Albemarle County Service Authority	15	—	—	3	18	6	10	13	—	29
55431	Franklin Redevelopment & Housing Authority	2	—	—	4	6	—	1	2	—	3
55432	Bristol Redevelopment & Housing Authority	4	—	—	—	4	2	3	3	—	8
55433	Norfolk Redevelopment & Housing Authority	54	—	—	29	83	20	36	46	11	113
55435	Richmond Metropolitan Authority	15	—	—	—	15	6	10	12	36	64
55436	Riverside Regional Jail	61	—	—	70	131	22	40	52	44	158
55439	Rappahannock-Rapidan Planning District Commission	1	—	—	3	4	1	1	1	2	5
55440	Shenandoah Valley Juvenile Detention Home	13	—	—	28	41	5	8	11	—	24
55442	Southside Regional Library Board	—	—	—	—	—	—	—	—	—	—
55443	Bedford Public Library	3	—	—	—	3	1	2	2	—	5

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		Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on OPEB Plan Investments	Change of Assumptions	Changes in Proportionate Share	Total Deferred Outflows of Resources	Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on OPEB Plan Investments	Change of Assumptions	Changes in Proportionate Share	Total Deferred Inflows of Resources
55445	Chesterfield County Health Center Commission	24	—	—	—	24	8	16	20	82	126
55446	Washington County Service Authority	14	—	—	—	14	6	9	12	3	30
55447	Rappahannock Area Community Services Board	78	—	—	96	174	28	52	66	—	146
55449	Hampton Roads Planning District Commission	13	—	—	10	23	4	9	11	15	39
55450	Meherrin Regional Library	1	—	—	—	1	—	1	1	—	2
55451	New River Valley Planning District	—	—	—	—	—	—	—	—	—	—
55452	Northern Virginia Healthcare Center & District Home	—	—	—	—	—	—	—	—	—	—
55453	Rockbridge Area Community Services Board	17	—	—	29	46	7	11	14	4	36
55454	Greensville/Emporia Department of Social Services	4	—	—	—	4	1	3	4	—	8
55455	James City Service Authority	17	—	—	—	17	6	11	14	2	33
55456	Accomack-Norhampton Planning District Commission	3	—	—	—	3	1	2	2	3	8
55457	Harrisonburg/Rockingham Sewer Authority	6	—	—	—	6	3	4	5	—	12
55458	Wytheville Redevelopment & Housing Authority	2	—	—	—	2	—	1	2	—	3
55459	Waynesboro Redevelopment and Housing Authority	3	—	—	—	3	1	2	2	15	20
55460	Region Ten Community Services Board	86	—	—	43	129	31	57	73	—	161

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		Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on OPEB Plan Investments	Change of Assumptions	Changes in Proportionate Share	Total Deferred Outflows of Resources	Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on OPEB Plan Investments	Change of Assumptions	Changes in Proportionate Share	Total Deferred Inflows of Resources
55462	LENOWISCO Planning District Commission	1	—	—	—	1	—	1	1	4	6
55465	Rivanna Water & Sewer Authority	19	—	—	15	34	7	13	16	—	36
55466	Appomattox River Water Authority	6	—	—	—	6	2	4	5	2	13
55467	Campbell County Utilities and Service Authority	5	—	—	—	5	2	3	4	—	9
55469	Eastern Shore Community Services Board	20	—	—	11	31	7	13	17	—	37
55470	ANCHOR Commission	1	—	—	—	1	—	—	1	—	1
55471	Central Virginia Community Services	109	—	—	—	109	40	72	93	86	291
55472	District 19 Community Services Board	34	—	—	14	48	13	23	29	45	110
55473	Tidewater Transportation District	67	—	—	—	67	25	45	57	52	179
55474	Upper Occoquan Sewage Authority	54	—	—	—	54	21	36	46	24	127
55475	New River Valley Juvenile Detention Home	3	—	—	—	3	1	2	3	2	8
55476	Rockbridge Regional Library	—	—	—	—	—	—	—	—	—	—
55477	Frederick County Sanitation Authority	14	—	—	22	36	5	9	12	—	26
55478	Western Tidewater Community Services Board	—	—	—	—	—	—	—	—	—	—
55479	Cumberland Mountain Community Services	44	—	—	78	122	16	29	37	—	82
55482	Middle Peninsula/Northern Neck Public Service Auth	52	—	—	37	89	18	35	45	30	128
55483	Rockbridge County Public Service Authority	2	—	—	—	2	1	1	1	—	3

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		Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on OPEB Plan Investments	Change of Assumptions	Changes in Proportionate Share	Total Deferred Outflows of Resources	Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on OPEB Plan Investments	Change of Assumptions	Changes in Proportionate Share	Total Deferred Inflows of Resources
55484	Danville-Pittsylvania Mental Health Services Board	39	—	—	30	69	14	26	33	—	73
55485	Crater Youth Care Commission	5	—	—	—	5	2	3	4	2	11
55486	Southeastern Tidewater Manpower Authority	7	—	—	—	7	2	5	6	18	31
55487	Capital Regional Airport Commission	34	—	—	41	75	13	22	29	—	64
55488	Northwestern Community Services Board	29	—	—	63	92	11	19	25	—	55
55489	Harrisonburg-Rockingham Community Services Board	25	—	—	44	69	9	17	22	—	48
55491	Middle Peninsula Regional Security Center	11	—	—	—	11	5	7	9	—	21
55492	Northern Neck Planning District Commission	1	—	—	—	1	—	1	1	—	2
55493	Planning District One Community Services Board	1	—	—	—	1	—	1	1	—	2
55494	Rockbridge Area Social Services Board	4	—	—	5	9	1	3	3	—	7
55495	Dinwiddie County Water Authority	2	—	—	—	2	1	1	2	—	4
55496	Rappahannock Rapidan Community Services	40	—	—	—	40	15	26	34	43	118
55498	Valley Community Services Board	40	—	—	—	40	15	27	34	10	86
55499	Eastern Shore Public Library	1	—	—	—	1	—	1	1	—	2
55500	Alexandria City Public Schools	32	—	—	—	32	12	21	27	15	75
55501	Albemarle County Public Schools	28	—	—	20	48	10	18	24	—	52
55502	Alleghany Highlands Public Schools	7	—	—	—	7	2	5	6	6	19

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		Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on OPEB Plan Investments	Change of Assumptions	Changes in Proportionate Share	Total Deferred Outflows of Resources	Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on OPEB Plan Investments	Change of Assumptions	Changes in Proportionate Share	Total Deferred Inflows of Resources
55503	Charlottesville City Public Schools	8	—	—	—	8	3	5	7	13	28
55504	Amherst County Public Schools	10	—	—	12	22	4	7	9	7	27
55505	Appomattox County Public Schools	3	—	—	—	3	1	2	2	—	5
55506	Arlington County Public Schools	85	—	—	144	229	32	56	72	—	160
55507	Augusta County Public Schools	10	—	—	—	10	3	7	9	17	36
55508	Bath County Public Schools	3	—	—	—	3	1	2	2	5	10
55509	Bedford County Public Schools	22	—	—	—	22	9	14	18	14	55
55510	Bland County Public Schools	2	—	—	—	2	1	1	1	6	9
55511	Botetourt County Public Schools	10	—	—	4	14	3	7	9	—	19
55512	Norfolk Public Schools	68	—	—	2	70	25	45	58	6	134
55513	Petersburg City Public Schools	9	—	—	—	9	3	6	8	14	31
55514	Buckingham County Public Schools	3	—	—	—	3	1	2	3	—	6
55515	Radford City Public Schools	1	—	—	—	1	1	1	1	—	3
55516	Caroline County Public Schools	5	—	—	5	10	1	4	5	8	18
55517	Carroll County Public Schools	8	—	—	—	8	3	5	7	37	52
55518	Charles City County Public Schools	1	—	—	—	1	—	1	1	—	2
55519	Charlotte County Public Schools	3	—	—	3	6	1	2	2	—	5
55520	Chesterfield County Public Schools	67	—	—	71	138	24	45	57	322	448
55521	Clarke County Public Schools	3	—	—	—	3	1	2	2	—	5
55522	Winchester City Public Schools	9	—	—	4	13	3	6	8	—	17

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		Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on OPEB Plan Investments	Change of Assumptions	Changes in Proportionate Share	Total Deferred Outflows of Resources	Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on OPEB Plan Investments	Change of Assumptions	Changes in Proportionate Share	Total Deferred Inflows of Resources
55523	Culpeper County Public Schools	18	—	—	15	33	6	12	15	—	33
55524	Cumberland County Public Schools	3	—	—	—	3	1	2	2	—	5
55525	Dickenson County Public Schools	5	—	—	—	5	3	3	4	8	18
55526	Dinwiddie County Public Schools	7	—	—	—	7	2	5	6	13	26
55528	Essex County Public Schools	3	—	—	—	3	1	2	2	—	5
55530	Covington City Public Schools	1	—	—	—	1	1	1	1	—	3
55531	Floyd County Public Schools	6	—	—	—	6	3	4	5	—	12
55532	Fluvanna County Public Schools	9	—	—	—	9	3	6	8	11	28
55533	Chesapeake City Public Schools	84	—	—	—	84	30	56	71	93	250
55534	Virginia Beach City Public Schools	176	—	—	—	176	65	117	150	81	413
55535	Giles County Public Schools	1	—	—	—	1	1	1	1	—	3
55536	Gloucester County Public Schools	12	—	—	—	12	4	8	10	47	69
55537	Goochland County Public Schools	3	—	—	—	3	1	2	3	7	13
55538	Grayson County Public Schools	4	—	—	—	4	2	2	3	10	17
55539	Greene County Public Schools	7	—	—	—	7	3	4	6	8	21
55540	Greensville County Public Schools	3	—	—	—	3	2	2	3	—	7
55541	Halifax County Public Schools	6	—	—	—	6	2	4	6	24	36
55542	Hanover County Public Schools	20	—	—	—	20	8	13	17	62	100
55543	Henrico County Public Schools	3	—	—	—	3	1	2	2	—	5
55544	Henry County Public Schools	14	—	—	11	25	5	9	12	—	26

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		Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on OPEB Plan Investments	Change of Assumptions	Changes in Proportionate Share	Total Deferred Outflows of Resources	Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on OPEB Plan Investments	Change of Assumptions	Changes in Proportionate Share	Total Deferred Inflows of Resources
55545	Highland County Public Schools	1	—	—	—	1	—	1	1	—	2
55546	Isle of Wight County Public Schools	6	—	—	—	6	3	4	5	5	17
55548	King George County Public Schools	10	—	—	21	31	4	7	8	5	24
55549	King and Queen County Public Schools	3	—	—	—	3	1	2	2	—	5
55550	King William County Public Schools	5	—	—	—	5	3	3	4	9	19
55551	Lancaster County Public Schools	3	—	—	—	3	1	2	3	—	6
55552	Lee County Public Schools	8	—	—	3	11	3	5	7	—	15
55553	Loudoun County Public Schools	226	—	—	184	410	83	150	193	39	465
55554	Louisa County Public Schools	15	—	—	—	15	5	10	13	10	38
55555	Lunenburg County Public Schools	3	—	—	—	3	1	2	2	—	5
55556	Madison County Public Schools	3	—	—	3	6	1	2	3	—	6
55557	Mathews County Public Schools	3	—	—	—	3	1	2	3	—	6
55558	Mecklenburg County Public Schools	4	—	—	18	22	1	3	4	—	8
55559	Middlesex County Public Schools	2	—	—	—	2	—	1	2	—	3
55560	Montgomery County Public Schools	18	—	—	—	18	6	12	15	113	146
55562	Nelson County Public Schools	6	—	—	—	6	3	4	5	—	12
55563	New Kent County Public Schools	5	—	—	—	5	2	3	4	—	9
55565	Northampton County Public Schools	4	—	—	—	4	1	3	3	—	7
55566	Northumberland County Public Schools	3	—	—	—	3	1	2	2	—	5
55567	Nottoway County Public Schools	4	—	—	—	4	2	2	3	6	13

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		Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on OPEB Plan Investments	Change of Assumptions	Changes in Proportionate Share	Total Deferred Outflows of Resources	Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on OPEB Plan Investments	Change of Assumptions	Changes in Proportionate Share	Total Deferred Inflows of Resources
55568	Orange County Public Schools	12	—	—	—	12	5	8	10	6	29
55569	Page County Public Schools	7	—	—	—	7	3	5	6	6	20
55570	Patrick County Public Schools	7	—	—	—	7	2	5	6	—	13
55571	Pittsylvania County Public Schools	11	—	—	—	11	5	7	9	9	30
55572	Powhatan County Public Schools	7	—	—	—	7	3	4	6	9	22
55573	Prince Edward County Public Schools	2	—	—	—	2	—	2	2	2	6
55574	Prince George County Public Schools	14	—	—	—	14	5	10	12	30	57
55576	Prince William County Public Schools	227	—	—	53	280	83	151	193	20	447
55577	Pulaski County Public Schools	9	—	—	—	9	3	6	8	12	29
55578	Rappahannock County Public Schools	3	—	—	—	3	1	2	2	—	5
55579	Richmond County Public Schools	—	—	—	—	—	—	—	—	—	—
55580	Roanoke County Public Schools	12	—	—	—	12	5	8	10	6	29
55581	Rockbridge County Public Schools	5	—	—	—	5	3	3	4	15	25
55582	Rockingham County Public Schools	32	—	—	—	32	12	21	27	23	83
55583	Russell County Public Schools	10	—	—	—	10	3	7	9	12	31
55584	Scott County Public Schools	9	—	—	—	9	3	6	7	6	22
55585	Shenandoah County Public Schools	14	—	—	—	14	5	9	12	28	54
55586	Smyth County Public Schools	9	—	—	—	9	3	6	7	13	29
55587	Southampton County Public Schools	3	—	—	4	7	1	2	3	10	16
55588	Spotsylvania County Public Schools	36	—	—	—	36	14	24	31	21	90

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55589	Stafford County Public Schools	34	—	—	—	34	12	23	29	—	64
55590	Surry County Public Schools	4	—	—	—	4	2	2	3	—	7
55591	Sussex County School Board	4	—	—	—	4	2	2	3	9	16
55592	Tazewell County Public Schools	15	—	—	—	15	5	10	13	29	57
55593	Warren County Public Schools	8	—	—	—	8	2	5	7	7	21
55595	Washington County Public Schools	10	—	—	—	10	3	7	9	14	33
55596	Westmoreland County Public Schools	3	—	—	—	3	1	2	2	3	8
55597	Wise County Public Schools	6	—	—	—	6	2	4	5	18	29
55598	Wythe County Public Schools	5	—	—	4	9	1	4	5	—	10
55599	York County Public Schools	25	—	—	—	25	9	17	22	27	75
55600	Accomack County Public Schools	12	—	—	—	12	4	8	10	6	28
55601	Bristol VA Public Schools	4	—	—	38	42	2	2	3	—	7
55602	Buena Vista City Public Schools	1	—	—	—	1	1	1	1	—	3
55603	Amelia County Public Schools	3	—	—	—	3	1	2	3	3	9
55605	Danville City Public Schools	8	—	—	8	16	3	5	6	4	18
55606	Franklin City Public Schools	2	—	—	—	2	1	1	1	—	3
55608	Harrisonburg City Public Schools	8	—	—	13	21	3	6	7	2	18
55609	Hopewell City Public Schools	8	—	—	8	16	3	5	7	—	15
55610	Lynchburg City Public Schools	15	—	—	—	15	5	10	13	14	42
55611	Fauquier County Public Schools	29	—	—	12	41	11	19	25	16	71

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55612	Brunswick County Public Schools	4	—	—	—	4	1	3	4	3	11
55613	PD Pruden Vocational-Technical Center	—	—	—	—	—	—	—	—	5	5
55614	Portsmouth City Public Schools	30	—	—	—	30	11	20	26	40	97
55615	Campbell County Public Schools	12	—	—	—	12	5	8	11	—	24
55616	Richmond Public Schools	41	—	—	7	48	14	27	35	38	114
55617	Roanoke City Schools	14	—	—	30	44	5	10	12	—	27
55619	Staunton City Public Schools	4	—	—	—	4	1	3	4	—	8
55620	Suffolk City Public Schools	26	—	—	5	31	9	18	23	—	50
55622	Craig County Public Schools	1	—	—	—	1	—	1	1	—	2
55623	Martinsville City Public Schools	2	—	—	—	2	1	1	2	—	4
55624	Appomattox Regional Governor's School	—	—	—	—	—	1	—	—	—	1
55625	Colonial Heights City Public Schools	5	—	—	5	10	2	3	4	—	9
55632	Manassas City Public Schools	13	—	—	—	13	5	9	11	42	67
55633	Franklin County Public Schools	22	—	—	6	28	9	14	18	—	41
55634	Frederick County Public Schools	35	—	—	—	35	13	23	29	—	65
55635	Salem City Public Schools	5	—	—	2	7	2	3	4	—	9
55636	Manassas Park City Public Schools	5	—	—	—	5	3	3	4	2	12
55637	Newport News Public Schools	38	—	—	196	234	14	26	33	—	73
55708	Waynesboro City Public Schools	3	—	—	2	5	1	2	3	—	6
55710	Valley Vocational-Technical Center	—	—	—	—	—	—	—	—	—	—

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55711	New Horizons Regional Education Center	1	—	—	5	6	—	1	1	—	2
55713	Galax City Public Schools	2	—	—	—	2	1	1	2	—	4
55714	Norton City Public Schools	1	—	—	—	1	—	1	1	—	2
55802	Williamsburg-James City County Public Schools	21	—	—	—	21	7	14	18	22	61
55803	Poquoson City Public Schools	2	—	—	—	2	1	1	2	—	4
55806	Fredericksburg City Public Schools	5	—	—	—	5	2	3	4	—	9
55807	Hampton City Public Schools	17	—	—	19	36	6	11	14	15	46
55813	Buchanan County Public Schools	8	—	—	—	8	3	5	7	27	42
55814	Jackson River Technical Center	—	—	—	—	—	1	—	—	—	1
55815	Northern Neck Regional Vocational Center	—	—	—	—	—	—	—	—	—	—
55862	Crater Criminal Justice Training Academy	1	—	—	19	20	—	1	1	—	2
55863	Central Shenandoah Criminal Justice Training Academy	1	—	—	28	29	1	1	1	—	3
55864	New River Valley Emergency Comm Regional Authority	6	—	—	99	105	2	4	5	—	11
55865	Maury Service Authority	3	—	—	47	50	1	2	2	—	5
55866	Hampton Roads Transportation Accountability Commission	1	—	—	11	12	—	1	1	—	2
55867	Pamunkey Regional Library	5	—	—	11	16	2	3	4	—	9
55868	Northern Virginia Transportation Authority	4	—	—	22	26	1	3	4	—	8
55869	RSW Regional Jail Authority	18	—	—	10	28	7	12	15	33	67

Virginia Retirement System
VRS Group Life Insurance Plan
Schedule of Deferred Outflows and Deferred Inflows of Resources by Employer - continued
As of the Measurement Date of June 30, 2018

(Dollars in Thousands)

Employer Code	Employer	Deferred Outflows of Resources					Deferred Inflows of Resources				
		Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on OPEB Plan Investments	Change of Assumptions	Changes in Proportionate Share	Total Deferred Outflows of Resources	Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on OPEB Plan Investments	Change of Assumptions	Changes in Proportionate Share	Total Deferred Inflows of Resources
55870	Bedford Regional Water Authority	11	—	—	16	27	5	7	9	—	21
55871	Portsmouth Redevelopment and Housing Authority	14	—	—	—	14	5	9	12	24	50
55872	Southwest Regional Recreation Authority	2	—	—	17	19	1	1	1	—	3
55873	Roanoke Redevelopment and Housing Authority	—	—	—	—	—	—	—	—	—	—
55874	Meherrin Regional Jail Authority	19	—	—	—	19	7	13	16	43	79
55875	Woodway Water Authority	1	—	—	—	1	—	1	1	—	2
55876	Bristol Virginia Utilities Authority (BVU)	28	—	—	—	28	10	19	24	72	125
55877	Washington Metropolitan Area Transit Commission	—	—	—	—	—	—	—	—	—	—
55878	Mount Rogers Community Services Board	88	—	—	119	207	32	59	75	—	166
55879	Lonesome Pine Soil & Water Conservation District	—	—	—	—	—	—	—	—	—	—
55880	Big Sandy Soil & Water Conservation District	—	—	—	—	—	—	—	—	—	—
55881	Virginia's Region 2000 Local Government Council	7	—	—	16	23	2	5	6	13	26
55882	Middle Peninsula Planning District Commission	1	—	—	—	1	(1)	1	1	7	8
55883	Western Virginia Regional Jail Authority	32	—	—	6	38	12	21	27	6	66
55884	Halifax Service Authority	5	—	—	—	5	2	3	4	3	12
55886	Russell County Public Service Authority	2	—	—	—	2	—	1	2	—	3
55887	Piedmont Community Services Board	41	—	—	35	76	15	28	35	6	84

Virginia Retirement System
VRS Group Life Insurance Plan
Schedule of Deferred Outflows and Deferred Inflows of Resources by Employer - continued
As of the Measurement Date of June 30, 2018

(Dollars in Thousands)

Employer Code	Employer	Deferred Outflows of Resources					Deferred Inflows of Resources				
		Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on OPEB Plan Investments	Change of Assumptions	Changes in Proportionate Share	Total Deferred Outflows of Resources	Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on OPEB Plan Investments	Change of Assumptions	Changes in Proportionate Share	Total Deferred Inflows of Resources
55888	Blue Ridge Behavioral Health Care	55	—	—	31	86	20	36	47	—	103
55889	Skyline Soil and Water Conservation District	—	—	—	—	—	—	—	—	—	—
55890	Middle River Regional Jail Authority	27	—	—	43	70	10	18	23	—	51
55891	Tidewater Soil and Water Conservation District	—	—	—	—	—	—	—	—	—	—
55892	Big Stone Gap Redevelopment and Housing Authority	—	—	—	—	—	—	—	—	—	—
55893	Eastern Shore Soil and Water Conservation District	1	—	—	—	1	—	—	1	—	1
55894	Town of Boykins	—	—	—	—	—	—	—	—	—	—
55895	Town of Gordonsville	3	—	—	—	3	1	2	2	4	9
55896	Virginia Resources Authority	5	—	—	—	5	3	3	4	7	17
55897	Prince William County Services Authority	95	—	—	145	240	36	63	81	—	180
55898	Western Virginia Water Authority	40	—	—	35	75	15	26	34	—	75
55899	Shenandoah Valley Regional Airport Commission	3	—	—	—	3	1	2	2	—	5
55900	Alleghany Highlands Community Services Board	12	—	—	—	12	4	8	10	5	27
55901	Brunswick Industrial Development Authority	—	—	—	—	—	1	—	—	3	4
55902	Northern Neck-Essex County Group Home Commission	—	—	—	—	—	—	—	—	—	—
55904	Highlands Juvenile Detention Center Commission	7	—	—	—	7	3	5	6	7	21

Virginia Retirement System
VRS Group Life Insurance Plan
Schedule of Deferred Outflows and Deferred Inflows of Resources by Employer - continued
As of the Measurement Date of June 30, 2018

(Dollars in Thousands)

Employer Code	Employer	Deferred Outflows of Resources					Deferred Inflows of Resources				
		Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on OPEB Plan Investments	Change of Assumptions	Changes in Proportionate Share	Total Deferred Outflows of Resources	Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on OPEB Plan Investments	Change of Assumptions	Changes in Proportionate Share	Total Deferred Inflows of Resources
55905	Goochland-Powhatan Community Services Board	9	—	—	6	15	3	6	8	5	22
55906	Suffolk Redevelopment and Housing Authority	5	—	—	5	10	2	3	4	11	20
55908	Lee County Redevelopment and Housing Authority	1	—	—	—	1	—	1	1	—	2
55909	Henry County Public Service Authority	9	—	—	—	9	3	6	8	—	17
55910	Southside Planning District Commission	2	—	—	—	2	1	1	2	—	4
55911	Industrial Development Authority	3	—	—	4	7	1	2	3	—	6
55912	Augusta County Service Authority	21	—	—	9	30	8	14	18	—	40
55914	Rappahannock Juvenile Detention Commission	13	—	—	3	16	5	9	11	—	25
55915	Cumberland Plateau Regional Housing Authority	2	—	—	—	2	1	1	2	—	4
55917	Bedford County Public Service Authority	—	—	—	—	—	—	—	—	—	—
55918	Amherst County Service Authority	4	—	—	4	8	1	3	3	5	12
55919	Pepper's Ferry Regional Wastewater Treatment Authority	4	—	—	—	4	1	3	3	14	21
55920	Rappahannock Regional Jail Authority	54	—	—	—	54	21	36	46	94	197
55921	Thomas Jefferson Planning District Commission	2	—	—	6	8	1	2	2	—	5
55922	Piedmont Regional Jail	19	—	—	25	44	7	13	16	—	36
55923	Nelson County Services Authority	4	—	—	—	4	2	2	3	—	7
55924	Coeburn-Norton-Wise Regional Water	2	—	—	—	2	1	1	2	—	4

Virginia Retirement System
VRS Group Life Insurance Plan
Schedule of Deferred Outflows and Deferred Inflows of Resources by Employer - continued
As of the Measurement Date of June 30, 2018

(Dollars in Thousands)

Employer Code	Employer	Deferred Outflows of Resources					Deferred Inflows of Resources				
		Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on OPEB Plan Investments	Change of Assumptions	Changes in Proportionate Share	Total Deferred Outflows of Resources	Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on OPEB Plan Investments	Change of Assumptions	Changes in Proportionate Share	Total Deferred Inflows of Resources
55925	Fauquier County Water & Sanitation Authority	12	—	—	11	23	4	8	10	3	25
55926	Scott County Soil & Water Conservation District	—	—	—	—	—	1	—	—	—	1
55927	New River Resource Authority	4	—	—	—	4	2	3	3	—	8
55928	Scott County Water & Sewage Authority	3	—	—	—	3	1	2	3	—	6
55929	Greensville County Water & Sewer Authority	4	—	—	—	4	1	3	4	5	13
55930	Petersburg Redevelopment & Housing Authority	5	—	—	—	5	2	3	4	4	13
55931	Central Rappahannock Regional Library	17	—	—	12	29	6	11	15	9	41
55932	Virginia Coalfield Economic Development Authority	1	—	—	—	1	—	1	1	—	2
55933	Central Virginia Regional Jail	23	—	—	56	79	9	15	20	—	44
55934	Thomas Jefferson Soil & Water Conservation District	2	—	—	—	2	1	1	1	—	3
55936	Piedmont Planning District Commission	—	—	—	—	—	—	—	—	—	—
55937	Wythe-Grayson Regional Library	1	—	—	3	4	—	1	1	—	2
55938	Colonial Soil & Water Conservation District	1	—	—	5	6	—	—	1	—	1
55939	Rivanna Solid Waste Authority	2	—	—	—	2	1	1	1	—	3
55940	Monacan Soil & Water Conservation District	1	—	—	—	1	—	—	1	—	1
55941	Robert E. Lee Soil & Water Conservation District	—	—	—	—	—	—	—	—	—	—

Virginia Retirement System
VRS Group Life Insurance Plan
Schedule of Deferred Outflows and Deferred Inflows of Resources by Employer - continued
As of the Measurement Date of June 30, 2018

(Dollars in Thousands)

Employer Code	Employer	Deferred Outflows of Resources					Deferred Inflows of Resources				
		Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on OPEB Plan Investments	Change of Assumptions	Changes in Proportionate Share	Total Deferred Outflows of Resources	Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on OPEB Plan Investments	Change of Assumptions	Changes in Proportionate Share	Total Deferred Inflows of Resources
55942	Virginia Soil & Water Conservation	1	—	—	—	1	—	—	1	—	1
55944	Central Virginia Waste Management Authority	2	—	—	—	2	1	1	2	—	4
55945	Lonesome Pine Regional Library	3	—	—	—	3	1	2	3	6	12
55946	Virginia Peninsulas Public Service Authority	6	—	—	—	6	2	4	5	3	14
55947	Tidewater Regional Group Home Commission	9	—	—	5	14	3	6	8	13	30
55948	Virginia Highlands Airport Commission	1	—	—	—	1	—	1	1	—	2
55949	Western Tidewater Regional Jail	29	—	—	12	41	11	19	24	—	54
55950	Scott County Redevelopment & Housing Authority	1	—	—	—	1	—	1	1	5	7
55951	Handley Regional Library	2	—	—	—	2	1	2	2	—	5
55952	Northern Neck Regional Jail	13	—	—	—	13	5	9	11	3	28
55953	Montgomery Regional Solid Waste Authority	3	—	—	—	3	1	2	2	—	5
55954	Potomac & Rappahannock Transportation Comm	35	—	—	42	77	12	23	30	—	65
55955	Giles County Public Service Authority	2	—	—	—	2	1	1	1	9	12
55956	South Central Wastewater Authority	7	—	—	5	12	2	5	6	—	13
55957	Wise County Redevelopment and Housing Authority	3	—	—	—	3	1	2	2	—	5
55958	Prince William Soil & Water Conservation District	1	—	—	—	1	—	—	1	—	1
55959	Hampton Roads Regional Jail Authority	46	—	—	—	46	17	31	39	50	137

Virginia Retirement System
VRS Group Life Insurance Plan
Schedule of Deferred Outflows and Deferred Inflows of Resources by Employer - continued
As of the Measurement Date of June 30, 2018

(Dollars in Thousands)

Employer Code	Employer	Deferred Outflows of Resources					Deferred Inflows of Resources				
		Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on OPEB Plan Investments	Change of Assumptions	Changes in Proportionate Share	Total Deferred Outflows of Resources	Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on OPEB Plan Investments	Change of Assumptions	Changes in Proportionate Share	Total Deferred Inflows of Resources
55960	Russell County Water & Sewage Authority	1	—	—	2	3	—	1	1	8	10
55961	Pamunkey Regional Jail	23	—	—	—	23	9	15	19	16	59
55962	Charlottesville - Albemarle Airport Authority	7	—	—	7	14	3	5	6	—	14
55963	Virginia Peninsula Regional Jail	20	—	—	—	20	7	13	17	19	56
55964	Virginia Biotechnology Research Park Authority	2	—	—	2	4	1	1	2	—	4
55965	Peumansend Creek Regional Jail	—	—	—	—	—	—	—	—	354	354
55966	Blue Ridge Regional Jail Authority	58	—	—	—	58	22	38	49	68	177
55967	Rockingham Regional Library	3	—	—	4	7	1	2	2	—	5
55968	Albemarle-Charlottesville Regional Jail	30	—	—	8	38	11	20	26	3	60
55969	Culpeper Soil & Water Conservation District	2	—	—	6	8	1	1	2	—	4
55970	New River Valley Regional Jail	35	—	—	—	35	13	23	30	10	76
55971	Sussex Service Authority	4	—	—	—	4	2	2	3	—	7
55972	Big Water Soil & Water Conservation District	—	—	—	—	—	—	—	—	—	—
55973	Peter Francisco Soil & Water Conservation District	—	—	—	—	—	—	—	—	—	—
55974	Peaks of Otter Soil & Water Conservation District	—	—	—	—	—	—	—	—	3	3
55975	New River Soil & Water Conservation District	—	—	—	—	—	1	—	—	—	1
55977	Southside Regional Jail	7	—	—	—	7	3	5	6	7	21

Virginia Retirement System
VRS Group Life Insurance Plan
Schedule of Deferred Outflows and Deferred Inflows of Resources by Employer - continued
As of the Measurement Date of June 30, 2018

(Dollars in Thousands)

Employer Code	Employer	Deferred Outflows of Resources					Deferred Inflows of Resources				
		Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on OPEB Plan Investments	Change of Assumptions	Changes in Proportionate Share	Total Deferred Outflows of Resources	Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on OPEB Plan Investments	Change of Assumptions	Changes in Proportionate Share	Total Deferred Inflows of Resources
55978	Evergreen Soil & Water Conservation District	—	—	—	—	—	1	—	—	—	1
55979	Roanoke Higher Education Authority	3	—	—	—	3	1	2	3	—	6
55981	John Marshall Soil & Water Conservation District	1	—	—	—	1	—	1	1	—	2
55982	Daniel Boone Soil & Water Conservation District	1	—	—	—	1	1	—	—	—	1
55983	Southside Community Services Board	27	—	—	7	34	9	18	23	18	68
55984	Northern Shenandoah Valley Regional Commission	2	—	—	—	2	1	1	2	—	4
55985	Tazewell Soil & Water Conservation District	—	—	—	—	—	1	—	—	—	1
55987	Richmond Regional Planning District Commission	—	—	—	—	—	—	—	—	—	—
55988	Henricopolis Soil & Water Conservation District	—	—	—	—	—	1	—	—	—	1
55989	Piedmont Regional Juvenile Detention Center	2	—	—	3	5	1	2	2	—	5
55990	Roanoke River Service Authority	1	—	—	—	1	—	1	1	—	2
55991	Lee County Public Service Authority	2	—	—	—	2	—	2	2	—	4
55992	Blue Ridge Juvenile Detention Center	8	—	—	11	19	3	5	7	—	15
55993	Ferrum Water & Sewage Authority	—	—	—	—	—	—	—	—	—	—
55994	Wise County Public Service Authority	4	—	—	2	6	1	3	3	—	7
55995	Holston River Soil & Water Conservation District	—	—	—	—	—	—	—	—	—	—

Virginia Retirement System
VRS Group Life Insurance Plan
Schedule of Deferred Outflows and Deferred Inflows of Resources by Employer - continued
As of the Measurement Date of June 30, 2018

(Dollars in Thousands)

Employer Code	Employer	Deferred Outflows of Resources					Deferred Inflows of Resources				
		Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on OPEB Plan Investments	Change of Assumptions	Changes in Proportionate Share	Total Deferred Outflows of Resources	Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Investment Earnings on OPEB Plan Investments	Change of Assumptions	Changes in Proportionate Share	Total Deferred Inflows of Resources
55996	New River Valley Community Services Board	—	—	—	—	—	—	—	—	—	—
55997	Institute for Advanced Learning and Research	—	—	—	—	—	—	—	—	—	—
55998	Southwest Virginia Regional Jail Authority	60	—	—	—	60	22	40	51	46	159
55999	Clinch Valley Soil & Water Conservation District	—	—	—	—	—	1	—	—	—	1
59212	City of Norfolk - Insurance Only Employees	749	—	—	—	749	275	498	638	387	1,798
59214	City of Portsmouth - Insurance Only Employees	9	—	—	—	9	4	6	8	119	137
59216	City of Richmond - Insurance Only Employees	696	—	—	—	696	256	463	593	1,002	2,314
59217	City of Roanoke - Insurance Only Employees	282	—	—	—	282	104	188	240	189	721
59617	Roanoke City Schools - Insurance Only Employees	7	—	—	—	7	2	5	6	68	81
	Sub-total Political Subdivision	19,879	—	—	8,584	28,463	7,297	13,220	16,939	7,827	45,283
	Total for VRS Group Life Insurance	74,251	—	—	29,978	104,229	27,225	49,407	63,292	29,978	169,902

The accompanying notes are an integral part of the Schedule of Deferred Outflows and Deferred Inflows of Resources by Employee

**Virginia Retirement System
VRS Group Life Insurance Plan
Notes to GASB No. 75 Schedules
For the Plan Year Ended June 30, 2018**

Note 1. Summary of Significant Accounting Policies

Description of the Entity

The Virginia Retirement System (the System) is an independent agency of the Commonwealth of Virginia. The System administers four separate pension trust funds – the Virginia Retirement System (VRS), the State Police Officers' Retirement System (SPORS), the Virginia Law Officers' Retirement System (VaLORS), and the Judicial Retirement System (JRS) as well as several Other Post-Employment Benefit trust funds – the Group Life Insurance Program, the Retiree Health Insurance Credit Program, the Disability Insurance Program for state employees, the Line of Duty Act Program and the Virginia Local Disability Program for participating schools systems and local governments.

Administration and Management

The Board of Trustees (the Board) is responsible for the general administration and operation of the pension plans and the other employee benefit plans. The Board has full power to invest and reinvest the trust funds of the System through the adoption of investment policies and guidelines that fulfill the Board's investment objective to maximize long-term investment returns while targeting an acceptable level of risk.

The Board consists of nine members. Five members are appointed by the Governor and four members are appointed by the Joint Rules Committee of the General Assembly, subject to confirmation by the General Assembly. The Board appoints a Director to serve as the Chief Administrative Officer of the System and a Chief Investment Officer to direct, manage, and administer the investment of the System's funds.

The System issues a *Comprehensive Annual Financial Report* (CAFR) containing the financial statements and required supplementary information for all of the System's pension and other employee benefit trust funds. The CAFR is publicly available through the About VRS link on the VRS website at www.varetire.org, or a copy may be obtained by submitting a request to the VRS Chief Financial Officer, PO Box 2500, Richmond, VA 23218-2500. The pension and other employee benefit trust funds administered by the VRS are classified as fiduciary funds and are included in the basic financial statements of the Commonwealth of Virginia.

Other Post-Employment Benefits – Group Life Insurance

The Virginia Retirement System (VRS) Group Life Insurance Program is a multiple employer, cost-sharing plan. It provides coverage to state employees, teachers, and employees of participating political subdivisions. The Group Life Insurance Program was established pursuant to §51.1-500 et seq. of the *Code of Virginia*, as amended, and which provides the authority under which benefit terms are established or may be amended. The Group Life Insurance Program is a defined benefit plan that provides a basic group life insurance benefit for employees of participating employers. For purposes of measuring the net GLI OPEB liability, deferred

outflows of resources and deferred inflows of resources related to the GLI OPEB, and GLI OPEB expense, information about the fiduciary net position of the Virginia Retirement System (VRS) Group Life Insurance Plan and the additions to/deductions from the VRS Group Life Insurance Plan's net fiduciary position have been determined on the same basis as they were reported by VRS. For this purpose, benefit payments are recognized when due and payable in accordance with the benefit terms. Investments are reported at fair value.

Note 2. General Information about the GLI OPEB Plan

Plan Description

All full-time, salaried permanent employees of state agencies, teachers and participating political subdivisions are automatically covered by the VRS Group Life Insurance Program upon employment. This plan is administered by the Virginia Retirement System (the System), along with pensions and other OPEB plans, for public employer groups in the Commonwealth of Virginia.

In addition to the Basic Group Life Insurance benefit, members are also eligible to elect additional coverage for themselves as well as a spouse or dependent children through the Optional Group Life Insurance Program. For members who elect the optional group life insurance coverage, the insurer bills employers directly for the premiums. Employers deduct these premiums from members' paychecks and pay the premiums to the insurer. Since this is a separate and fully insured program, it is not included as part of the Group Life Insurance Program OPEB.

The specific information for the Group Life Insurance Program OPEB, including eligibility, coverage and benefits is set out in the table below:

GROUP LIFE INSURANCE PROGRAM PLAN PROVISIONS

Eligible Employees

The Group Life Insurance Program was established July 1, 1960, for state employees, teachers and employees of political subdivisions that elect the program, including the following employers that do not participate in VRS for retirement:

- City of Richmond
- City of Portsmouth
- City of Roanoke
- City of Norfolk
- Roanoke City Schools Board

Basic group life insurance coverage is automatic upon employment. Coverage end for employees who leave their position before retirement eligibility or who take a refund of their accumulated retirement member contributions and accrued interest.

Benefit Amounts

The benefits payable under the Group Life Insurance Program have several components.

- **Natural Death Benefit:** The natural death benefit is equal to the employee's covered compensation rounded to the next highest thousand and then doubled.
- **Accidental Death Benefit:** The accidental death benefit is double the natural death benefit.
- **Other Benefit Provisions:** In addition to the basic natural and accidental death benefits, the program provides additional benefits provided under specific circumstances. These include:
 - Accidental dismemberment benefit
 - Safety belt benefit
 - Repatriation benefit
 - Felonious assault benefit
 - Accelerated death benefit option

Reduction in Benefit Amounts

The benefit amounts provided to retired members covered under the Group Life Insurance Program are subject to a reduction factor. The benefit amount reduces by 25% on January 1 following one calendar year of separation. The benefit amount reduces by an additional 25% on each subsequent January 1 until it reaches 25% of its original value.

Minimum Benefit Amount and Cost-of-Living Adjustment (COLA)

For covered members with at least 30 years of creditable service, there is a minimum benefit payable under the Group Life Insurance Program. The minimum benefit was set at \$8,000 by statute. This amount is increased annually based on the VRS Plan 2 cost-of-living adjustment and was increased to \$8,279 effective July 1, 2018.

Contributions

The contribution requirements for the Group Life Insurance Program are governed by §51.1-506 and §51.1-508 of the *Code of Virginia*, as amended, but may be impacted as a result of funding provided to state agencies and school divisions by the Virginia General Assembly. The total rate for the Group Life Insurance Program was 1.31% of covered employee compensation. This was allocated into an employee and an employer component using a 60/40 split. The employee component was 0.79% (1.31% X 60%) and the employer component was 0.52% (1.31% X 40%). Employers may elect to pay all or part of the employee contribution, however the employer must pay all of the employer contribution. Each employer's contractually required employer contribution rate for the year ended June 30, 2018, was 0.52% of covered employee compensation. This rate was based on an actuarially determined rate from an actuarial valuation as of June 30, 2015. The

actuarially determined rate, when combined with employee contributions, was expected to finance the costs of benefits payable during the year, with an additional amount to finance any unfunded accrued liability.

Actuarial Assumptions

The total GLI OPEB liability was based on an actuarial valuation as of June 30, 2017, using the Entry Age Normal actuarial cost method. The following assumptions, which applied to all periods included in the measurement, were used to roll the valuation forward to the measurement date of June 30, 2018.

Inflation	2.5 percent
Salary increases, including inflation –	
General state employees	3.5 percent – 5.35 percent
Teachers	3.5 percent – 5.95 percent
SPORS employees	3.5 percent – 4.75 percent
VaLORS employees	3.5 percent – 4.75 percent
JRS employees	4.5 percent
Locality – General employees	3.5 percent – 5.35 percent
Locality – Hazardous Duty employees	3.5 percent – 4.75 percent
Investment rate of return	7.0 Percent, net of plan investment expenses, including inflation*

* Administrative expenses as a percent of the market value of assets for the last experience study were found to be approximately 0.06% of assets for all of the VRS plans. This would provide an assumed investment return rate for GASB purposes of slightly more than the assumed 7.0%. However, since the difference was minimal, and a more conservative 7.0% investment return assumption provided a projected plan net position that exceeded the projected benefit payments, the long-term expected rate of return on investments was assumed to be 7.0% to simplify preparation of the liabilities.

Mortality rates – General State Employees

Pre-Retirement:

RP-2014 Employee Rates to age 80, Healthy Annuitant Rates to 81 and older projected with Scale BB to 2020; males set back 1 year, 85% of rates; females set back 1 year.

Post-Retirement:

RP-2014 Employee Rates to age 49, Healthy Annuitant Rates at ages 50 and older projected with Scale BB to 2020; males set forward 1 year; females set back 1 year with 1.5% increase compounded from ages 70 to 85.

Post-Disablement:

RP-2014 Disability Life Mortality Table projected with scale BB to 2020; males 115% of rates; females 130% of rates.

The actuarial assumptions used in the June 30, 2017, valuation were based on the results of an actuarial experience study for the period from July 1, 2012, through June 30, 2016. Changes to the actuarial assumptions as a result of the experience study are as follows:

Mortality Rates (Pre-retirement, post-retirement healthy, and disabled)	Updated to a more current mortality table – RP-2014 projected to 2020
Retirement Rates	Lowered rates at older ages and changed final retirement from 70 to 75
Withdrawal Rates	Adjusted rates to better fit experience at each year age and service through 9 years of service
Disability Rates	Adjusted rates to better match experience
Salary Scale	No change
Line of Duty Disability	Increased rate from 14% to 25%

Mortality rates – Teachers

Pre-Retirement:

RP-2014 White Collar Employee Rates to age 80, White Collar Healthy Annuitant Rates at ages 81 and older projected with scale BB to 2020.

Post-Retirement:

RP-2014 White Collar Employee Rates to age 49, White Collar Health Annuitant Rates at ages 50 and older projected with scale BB to 2020; males 1% increase compounded from ages 70 to 90; females set back 3 years with 1.5% increase compounded from ages 65 to 70 and 2.0% increase compounded from ages 75 to 90.

Post-Disablement:

RP-2014 Disability Mortality Rates projected with Scale BB to 2020; 115% of rates for males and females.

The actuarial assumptions used in the June 30, 2017, valuation were based on the results of an actuarial experience study for the four-year period from July 1, 2012, through June 30, 2016. Changes to the actuarial assumptions as a result of the experience study are as follows:

Mortality Rates (Pre-retirement, post-retirement healthy, and disabled)	Updated to a more current mortality table – RP-2014 projected to 2020
Retirement Rates	Lowered rates at older ages and changed final retirement from 70 to 75
Withdrawal Rates	Adjusted rates to better fit experience at each year age and service through 9 years of service
Disability Rates	Adjusted rates to better match experience
Salary Scale	No change

Mortality rates – SPORS Employees

Pre-Retirement:

RP-2014 Employee Rates to age 80, Healthy Annuitant Rates to 81 and older projected with Scale BB to 2020; males 90% of rates; females set forward 1 year.

Post-Retirement:

RP-2014 Employee Rates to age 49, Healthy Annuitant Rates at ages 50 and older projected with Scale BB to 2020; males set forward 1 year with 1.0% increase compounded from ages 70 to 90; females set forward 3 years.

Post-Disablement:

RP-2014 Disability Life Mortality Table projected with scale BB to 2020; males set forward 2 years; unisex using 100% male.

The actuarial assumptions used in the June 30, 2017, valuation were based on the results of an actuarial experience study for the period from July 1, 2012, through June 30, 2016. Changes to the actuarial assumptions as a result of the experience study are as follows:

Mortality Rates (Pre-retirement, post-retirement healthy, and disabled)	Updated to a more current mortality table – RP-2014 projected to 2020 and reduced margin for future improvement in accordance with experience
Retirement Rates	Increased age 50 rates and lowered rates at older ages
Withdrawal Rates	Adjusted rates to better fit experience
Disability Rates	Adjusted rates to better match experience
Salary Scale	No change
Line of Duty Disability	Increased rate from 60% to 85%

Mortality rates – VaLORS Employees

Pre-Retirement:

RP-2014 Employee Rates to age 80, Healthy Annuitant Rates to 81 and older projected with Scale BB to 2020; males 90% of rates; females set forward 1 year.

Post-Retirement:

RP-2014 Employee Rates to age 49, Healthy Annuitant Rates at ages 50 and older projected with Scale BB to 2020; males set forward 1 year with 1.0% increase compounded from ages 70 to 90; females set forward 3 years.

Post-Disablement:

RP-2014 Disability Life Mortality Table projected with scale BB to 2020; males set forward 2 years; unisex using 100% male.

The actuarial assumptions used in the June 30, 2017, valuation were based on the results of an actuarial experience study for the period from July 1, 2012, through June 30, 2016. Changes to the actuarial assumptions as a result of the experience study are as follows:

Mortality Rates (Pre-retirement, post-retirement healthy, and disabled)	Updated to a more current mortality table – RP-2014 projected to 2020 and reduced margin for future improvement in accordance with experience
Retirement Rates	Increased age 50 rates and lowered rates at older ages
Withdrawal Rates	Adjusted rates to better fit experience at each year age and service through 9 years of service
Disability Rates	Adjusted rates to better match experience
Salary Scale	No change
Line of Duty Disability	Decreased rate from 50% to 35%

Mortality rates – JRS Employees

Pre-Retirement:

RP-2014 Employee Rates to age 80, Healthy Annuitant Rates at ages 81 and older projected with scale BB to 2020; males set back 1 year, 85% of rates; females set back 1 year.

Post-Retirement:

RP-2014 Employee Rates to age 49, Healthy Annuitant Rates at ages 50 and older projected with scale BB to 2020; males set forward 1 year; females set back 1 year with 1.5% compounding increase from ages 70 to 85.

Post-Disablement:

RP-2014 Disability Mortality Rates projected with Scale BB to 2020; males 115% of rates; females 130% of rates.

The actuarial assumptions used in the June 30, 2017, valuation were based on the results of an actuarial experience study for the four-year period from July 1, 2012, through June 30, 2016. Changes to the actuarial assumptions as a result of the experience study are as follows:

Mortality Rates (Pre-retirement, post-retirement healthy, and disabled)	Updated to a more current mortality table – RP-2014 projected to 2020
Retirement Rates	Decreased rates at first retirement eligibility
Withdrawal Rates	No change
Disability Rates	Removed disability rates
Salary Scale	No change

Mortality rates – Largest Ten Locality Employers – General Employees

Pre-Retirement:

RP-2014 Employee Rates to age 80, Healthy Annuitant Rates to 81 and older projected with Scale BB to 2020; males 95% of rates; females 105% of rates.

Post-Retirement:

RP-2014 Employee Rates to age 49, Healthy Annuitant Rates at ages 50 and older projected with Scale BB to 2020; males set forward 3 years; females 1.0% increase compounded from ages 70 to 90.

Post-Disablement:

RP-2014 Disability Life Mortality Table projected with scale BB to 2020; males set forward 2 years, 110% of rates; females 125% of rates

The actuarial assumptions used in the June 30, 2017, valuation were based on the results of an actuarial experience study for the period from July 1, 2012, through June 30, 2016. Changes to the actuarial assumptions as a result of the experience study are as follows:

Mortality Rates (Pre-retirement, post-retirement healthy, and disabled)	Updated to a more current mortality table – RP-2014 projected to 2020
Retirement Rates	Lowered retirement rates at older ages and extended final retirement age from 70 to 75
Withdrawal Rates	Adjusted termination rates to better fit experience at each age and service year
Disability Rates	Lowered disability rates
Salary Scale	No change
Line of Duty Disability	Increased rate from 14% to 20%

Mortality rates – Non-Largest Ten Locality Employers - General Employees

Pre-Retirement:

RP-2014 Employee Rates to age 80, Healthy Annuitant Rates to 81 and older projected with Scale BB to 2020; males 95% of rates; females 105% of rates.

Post-Retirement:

RP-2014 Employee Rates to age 49, Healthy Annuitant Rates at ages 50 and older projected with Scale BB to 2020; males set forward 3 years; females 1.0% increase compounded from ages 70 to 90.

Post-Disablement:

RP-2014 Disability Life Mortality Table projected with scale BB to 2020; males set forward 2 years, 110% of rates; females 125% of rates.

The actuarial assumptions used in the June 30, 2017, valuation were based on the results of an actuarial experience study for the period from July 1, 2012, through June 30, 2016. Changes to the actuarial assumptions as a result of the experience study are as follows:

Mortality Rates (Pre-retirement, post-retirement healthy, and disabled)	Updated to a more current mortality table – RP-2014 projected to 2020
Retirement Rates	Lowered retirement rates at older ages and extended final retirement age from 70 to 75.
Withdrawal Rates	Adjusted termination rates to better fit experience at each age and service year
Disability Rates	Lowered disability rates
Salary Scale	No change
Line of Duty Disability	Increased rate from 14% to 15%

Mortality rates – Largest Ten Locality Employers – Hazardous Duty Employees

Pre-Retirement:

RP-2014 Employee Rates to age 80, Healthy Annuitant Rates to 81 and older projected with Scale BB to 2020; males 90% of rates; females set forward 1 year.

Post-Retirement:

RP-2014 Employee Rates to age 49, Healthy Annuitant Rates at ages 50 and older projected with Scale BB to 2020; males set forward 1 year with 1.0% increase compounded from ages 70 to 90; females set forward 3 years.

Post-Disablement:

RP-2014 Disability Life Mortality Table projected with scale BB to 2020; males set forward 2 years; unisex using 100% male.

The actuarial assumptions used in the June 30, 2017, valuation were based on the results of an actuarial experience study for the period from July 1, 2012, through June 30, 2016. Changes to the actuarial assumptions as a result of the experience study are as follows:

Mortality Rates (Pre-retirement, post-retirement healthy, and disabled)	Updated to a more current mortality table – RP-2014 projected to 2020
Retirement Rates	Lowered retirement rates at older ages
Withdrawal Rates	Adjusted termination rates to better fit experience at each age and service year
Disability Rates	Increased disability rates
Salary Scale	No change
Line of Duty Disability	Increased rate from 60% to 70%

Mortality rates – Non-Largest Ten Locality Employers – Hazardous Duty Employees

Pre-Retirement:

RP-2014 Employee Rates to age 80, Healthy Annuitant Rates to 81 and older projected with Scale BB to 2020; males 90% of rates; females set forward 1 year.

Post-Retirement:

RP-2014 Employee Rates to age 49, Healthy Annuitant Rates at ages 50 and older projected with Scale BB to 2020; males set forward 1 year with 1.0% increase compounded from ages 70 to 90; females set forward 3 years.

Post-Disablement:

RP-2014 Disability Life Mortality Table projected with scale BB to 2020; males set forward 2 years; unisex using 100% male.

The actuarial assumptions used in the June 30, 2017, valuation were based on the results of an actuarial experience study for the period from July 1, 2012, through June 30, 2016. Changes to the actuarial assumptions as a result of the experience study are as follows:

Mortality Rates (Pre-retirement, post-retirement healthy, and disabled)	Updated to a more current mortality table – RP-2014 projected to 2020
Retirement Rates	Increased age 50 rates and lowered rates at older ages
Withdrawal Rates	Adjusted termination rates to better fit experience at each age and service year
Disability Rates	Adjusted rates to better match experience
Salary Scale	No change
Line of Duty Disability	Decreased rate from 60% to 45%

Note 3. Net Group Life Insurance OPEB Liability

The net Group Life Insurance OPEB liability (NOL) represents the System's total Group Life Insurance OPEB liability determined in accordance with GASB Statement No. 74, the System's fiduciary net position for the plan. As of the measurement date of June 30, 2018, NOL amounts for the VRS Group Life Insurance Program are as follows (amounts expressed in thousands):

Total GLI OPEB Liability	\$ 3,113,508
Plan Fiduciary Net Position	1,594,773
GLI Net OPEB Liability (Asset)	<u>\$ 1,518,735</u>

Plan Fiduciary Net Position as a Percentage of the Total GLI OPEB Liability	51.22%
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The total GLI OPEB liability is calculated by the System's actuary, and each plan's fiduciary net position is reported in the System's financial statements. The net GLI OPEB liability is disclosed in accordance with the requirements of GASB Statement No. 74 in the System's notes to the financial statements and required supplementary information.

Discount Rate

The discount rate used to measure the total GLI OPEB liability was 7.00%. The projection of cash flows used to determine the discount rate assumed that employer contributions will be made in accordance with the VRS funding policy and at rates equal to the actuarially determined contribution rates adopted by the VRS Board of Trustees. Through the fiscal year ending June 30, 2018, the rate contributed by employers for the VRS GLI OPEB Plan will be subject to the portion of the VRS Board-certified rates that are funded by the Virginia General Assembly, which was 100% of the actuarially determined rate. From July 1, 2018, on, employers are assumed to continue to contribute 100% of the actuarially determined contribution rates. Based on those assumptions, the GLI OPEB plan's fiduciary net position was projected to be available to make all projected future benefit payments of current active and inactive employees. Therefore the long-term expected rate of return was applied to all periods of projected benefit payments to determine the total GLI OPEB liability.

Long-Term Expected Rate of Return

The long-term expected rate of return on System investments was determined using a log-normal distribution analysis in which best-estimate ranges of expected future real rates of return (expected returns, net of System investment expense and inflation) are developed for each major asset class. These ranges are combined to produce the long-term expected rate of return by weighting the expected future real rates of return by the target asset allocation percentage and by adding expected inflation. The target asset allocation and best estimate of arithmetic real rates of return for each major asset class are summarized in the following table:

Asset Class (Strategy)	Target Allocation	Arithmetic Long-Term Expected Rate of Return	Weighted Average Long-Term Expected Rate of Return
Public Equity	40.00%	4.54%	1.82%
Fixed Income	15.00%	0.69%	0.10%
Credit Strategies	15.00%	3.96%	0.59%
Real Assets	15.00%	5.76%	0.86%
Private Equity	15.00%	9.53%	1.43%
Total	100.00%		4.80%
		Inflation	2.50%
		* Expected arithmetic nominal return	7.30%

** The above allocation provides a one-year return of 7.30%. However, one-year returns do not take into account the volatility present in each of the asset classes. In setting the long-term expected return for the System, stochastic projections are employed to model future returns under various economic conditions. The results provide a range of returns over various time periods that ultimately provide a median return of 6.83%, including expected inflation of 2.50%.*

Sensitivity Analysis

The following table presents the collective net GLI OPEB liability of the participating employers in the VRS GLI OPEB Plan using the discount rate of 7.00%, as well as what the collective net GLI OPEB liability of the participating employers would be if it were calculated using a discount rate that is one percentage point lower (6.00%) or one percentage point higher (8.00%) than the current rate (amounts expressed in thousands):

Net GLI OPEB Liability - 1.00% Decrease (6.00%)	\$ 1,984,793
Net GLI OPEB Liability - Current Discount Rate (7.00%)	\$ 1,518,735
Net GLI OPEB Liability - 1.00% Increase (8.00%)	\$ 1,140,332

Note 4. Deferred Outflows / (Inflows) of Resources

The following schedule reflects the amortization of the net balance of remaining deferred outflows / (inflows) of resources at June 30, 2018. The average remaining service lives of all employees provided with group life insurance benefits through the VRS GLI OPEB Plan at June 30, 2018, was 6.38 years. Deferred outflows of resources related to the group life insurance benefit resulting from the employer's contributions subsequent to the measurement date will be recognized as a reduction of the Net GLI OPEB Liability in their financial statements for the year ended June 30, 2020. Other amounts reported as deferred outflows of resources and deferred inflows of resources related to the GLI OPEB Plan will be recognized in the group life insurance expense as follows (amounts expressed in thousands):

Measurement Period Ending June 30, 2019	\$ (22,430)
Measurement Period Ending June 30, 2020	\$ (22,430)
Measurement Period Ending June 30, 2021	\$ (22,432)
Measurement Period Ending June 30, 2022	\$ (8,275)
Measurement Period Ending June 30, 2023	\$ 4,648
Thereafter	\$ 5,246

Note 5. Employer Contributions

Employers' proportionate shares were calculated on the basis of historical employer contributions. Although GASB Statement No. 75 encourages the use of the employer's projected long-term contribution effort to the Other Post-Employment Benefit plan, allocating on the basis of historical employer contributions is considered acceptable. Employer contributions recognized by the VRS GLI OPEB Plan that are not representative of future contribution efforts are excluded in the determination of employers' proportionate shares. Examples of employer contributions not representative of future contribution efforts are contributions for adjustments for prior periods.

The employer contributions used in the determination of employers' proportionate shares of collective Other Post-Employment Benefit amounts reported in the Schedule of Employer Allocations was based on the total employer contributions using the plan's contribution rates and the employer's covered payroll for FY 2018. This total was \$98,876,764. The employer contributions of \$98,530,000 reported in the VRS GLI OPEB Program's Statement of Changes in Net Position (per the System's separately issued financial statements)

reflects the calculated amount less approximately \$346,764 in employer contribution adjustments that were not representative of future contribution efforts.

Note 6. Additional Financial and Actuarial Information

Information contained in the VRS GLI OPEB Program Notes to the Schedule of Employer Allocations and Schedule of GLI OPEB Program Amounts by Employer (Schedules) was extracted from the audited financial statements of the System for the fiscal year ended June 30, 2018. Additional financial information supporting the preparation of the VRS GLI OPEB Program Schedules (including the financial statements and the unmodified audit opinion thereon, and required supplementary information) is presented in the separately issued VRS 2018 *Comprehensive Annual Financial Report* (CAFR). A copy of the 2018 VRS CAFR is publicly available through the About VRS link on the VRS website at www.varetire.org, or a copy may be obtained by submitting a request to the VRS Chief Financial Officer, P.O. Box 2500, Richmond, VA 23218-2500.