

Virginia Retirement System

Finance Division

Analysis of Political Subdivision Employer Change in Net Pension Liability

For the Plan Year Ended and Measurement Date of June 30, 2023

Employer Code	Entity	6/30/2022 Net Pension Liability	PLUS: FY 2022		LESS: FY 2022		LESS: FY 2023		PLUS: FY 2023		PLUS: FY 2023 Employer Pension Expense	LESS: FY 2023 Employer Contributions	Calculated 6/30/2023 Net Pension Liability	Actual 6/30/2023 Net Pension Liability	Difference
			Total Deferred Inflows	Total Deferred Outflows	Deferred Investment Experience	Deferred Changes in Assumptions	Deferred Inflows Expected vs Actual Experience	Deferred Outflows Expected vs Actual Experience	Deferred Outflows Changes in Assumptions	Deferred Outflows Investment Experience					
VRS Political Subdivision Plans Total		\$ 2,104,325,688	\$2,966,013,606	\$2,439,158,907	\$1,744,648,234	\$ 97,226	\$ 226,098,377	\$ 382,143,243	\$ 167,091,471	\$ 1,337,417,023	\$ 586,097,099	\$ 736,844,665	\$ 2,396,240,721	\$ 2,396,240,721	\$ —
55100	Accomack County	(2,981,063)	8,859,819	6,374,252	4,931,112	—	1,368,692	—	421,858	3,746,496	(151,137)	1,192,670	(3,970,753)	(3,970,753)	—
55101	Albemarle County	29,619,866	27,641,626	21,007,413	14,159,564	—	3,707,787	6,827,214	1,908,679	10,947,500	8,391,729	8,839,250	37,622,600	37,622,600	—
55102	Alleghany County	3,508,666	5,105,311	3,720,811	2,851,384	—	1,109,269	—	206,379	2,185,759	267,576	1,132,895	2,459,332	2,459,332	—
55103	Amelia County	(1,034,036)	2,184,031	1,729,575	1,410,413	—	34,206	178,885	—	1,085,459	360,607	375,827	(775,075)	(775,075)	—
55104	Amherst County	1,075,007	6,022,427	4,264,927	3,466,737	—	1,224,454	—	—	2,659,235	142,047	1,234,345	(291,747)	(291,747)	—
55105	Appomattox County	4,161,628	2,867,782	2,376,205	1,717,183	—	131,029	516,531	69,348	1,304,520	923,916	848,096	4,771,212	4,771,212	—
55107	Augusta County	2,727,697	14,713,633	9,553,078	7,438,892	—	2,474,937	—	316,875	5,695,792	122,124	2,764,879	1,344,335	1,344,335	—
55108	Bath County	2,053,237	1,743,710	1,458,448	1,061,260	—	260,814	—	101,300	818,170	260,131	415,879	1,780,147	1,780,147	—
55109	Bedford County	613,705	10,299,919	7,360,083	5,937,986	—	1,089,039	299	73,540	4,572,589	372,514	2,118,476	(573,018)	(573,018)	—
55110	Bland County	918,294	1,374,473	931,834	725,025	—	135,664	30,475	53,001	564,083	112,167	278,981	980,989	980,989	—
55111	Botetourt County	(1,515,667)	7,762,067	5,928,972	4,286,685	—	863,011	758,991	548,223	3,287,955	1,309,268	1,738,058	(665,889)	(665,889)	—
55112	Brunswick County	4,258,574	2,571,296	2,579,204	1,704,393	—	—	451,751	130,781	1,307,063	1,233,936	895,429	4,774,375	4,774,375	—
55113	Buchanan County	15,471,909	5,652,033	5,376,886	3,752,069	—	3,650	2,228,976	104,676	2,853,555	2,228,281	2,162,794	17,244,031	17,244,031	—
55114	Buckingham County	473,586	2,566,967	2,167,615	1,629,357	—	130,987	133,096	6,128	1,230,865	424,877	575,961	331,599	331,599	—
55115	Campbell County	5,306,114	8,889,137	7,638,258	5,546,912	—	86,760	1,224,722	179,909	4,227,282	2,177,731	2,142,749	6,590,216	6,590,216	—
55116	Caroline County	(6,586,973)	7,951,513	5,420,065	4,718,784	—	601,097	—	—	3,628,924	(852,895)	1,078,494	(7,677,871)	(7,677,871)	—
55117	Carroll County	5,485,831	4,592,254	3,308,808	2,589,944	—	273,659	935,735	73,364	1,970,805	1,104,683	1,303,701	6,686,560	6,686,560	—
55118	Charles City County	1,540,219	1,796,980	1,511,311	1,195,996	—	349,723	49,944	—	908,303	243,657	524,813	957,260	957,260	—
55119	Charlotte County	626,417	3,232,928	2,816,805	2,026,778	—	150,561	178,404	17,351	1,543,784	421,261	615,663	410,338	410,338	—
55120	Chesterfield County	176,597,749	127,062,893	119,913,429	78,428,828	—	4,779,430	35,697,718	12,467,854	60,309,295	49,901,531	43,026,101	215,889,252	215,889,252	—

Virginia Retirement System

Finance Division

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For the Plan Year Ended and Measurement Date of June 30, 2023

Employer Code	Entity	6/30/2022 Net Pension Liability	PLUS: FY 2022		LESS: FY 2022		LESS: FY 2023		PLUS: FY 2023		PLUS: FY 2023 Employer Pension Expense	LESS: FY 2023 Employer Contributions	Calculated 6/30/2023 Net Pension Liability	Actual 6/30/2023 Net Pension Liability	Difference
			Total Deferred Inflows	Total Deferred Outflows	Deferred Investment Experience	Deferred Changes in Assumptions	Deferred Inflows Expected vs Actual Experience	Deferred Outflows Expected vs Actual Experience	Deferred Outflows Changes in Assumptions	Deferred Outflows Investment Experience					
55121	Clarke County	1,091,751	3,082,374	2,274,324	1,795,904	—	176,213	62,878	—	1,373,482	445,785	678,035	1,131,794	1,131,794	—
55122	Craig County	98,259	968,611	809,791	645,740	—	133,404	19,572	—	490,702	90,843	249,427	(170,375)	(170,375)	—
55123	Culpeper County	5,664,172	8,636,319	7,049,160	5,358,904	—	708,442	—	264,865	4,148,320	1,986,189	2,813,935	4,769,424	4,769,424	—
55124	Cumberland County	1,404,417	1,799,707	1,676,704	1,181,243	—	90,593	9,106	—	912,699	527,940	457,150	1,248,179	1,248,179	—
55125	Dickenson County	6,034,760	4,223,043	3,959,492	2,468,401	—	175,777	986,362	157,871	1,879,159	1,202,277	1,128,013	6,751,789	6,751,789	—
55126	Dinwiddie County	(2,138,445)	5,669,989	3,924,669	3,161,585	—	429,383	—	132,508	2,444,810	278,033	1,207,840	(2,336,582)	(2,336,582)	—
55128	Essex County	(2,551,828)	2,576,815	1,651,969	1,397,531	—	400,810	—	—	1,071,000	(154,399)	301,545	(2,810,267)	(2,810,267)	—
55130	Fauquier County	5,955,847	17,086,027	15,111,855	11,030,184	—	213,023	2,621,423	1,116,473	8,508,796	5,480,421	5,472,849	8,941,076	8,941,076	—
55131	Floyd County	2,848,721	2,385,258	1,838,665	1,339,944	—	161,168	71,058	100,499	1,020,042	564,718	781,089	2,869,430	2,869,430	—
55132	Fluvanna County	(1,150,838)	3,932,051	2,474,843	2,048,003	—	329,153	18,231	—	1,581,049	25,250	752,039	(1,198,295)	(1,198,295)	—
55133	Franklin County	(24,511)	9,420,097	6,844,182	5,294,646	—	754,635	1,616,481	352,603	4,065,364	1,537,320	1,930,817	2,143,074	2,143,074	—
55134	Frederick County	12,254,047	27,295,042	21,299,434	13,363,541	—	4,975,694	4,161,417	2,755,662	10,336,025	6,024,046	7,214,619	15,972,951	15,972,951	—
55135	Giles County	2,543,005	3,314,410	2,432,826	1,958,364	—	161,513	592,990	—	1,510,145	885,512	833,159	3,460,200	3,460,200	—
55136	Gloucester County	5,294,878	9,748,149	6,854,418	5,503,582	—	521,850	2,065,527	—	4,210,568	2,053,907	2,219,377	8,273,802	8,273,802	—
55137	Goochland County	755,309	5,323,804	4,603,841	3,066,771	—	502,349	448,829	438,790	2,384,112	2,034,517	2,017,017	1,195,383	1,195,383	—
55138	Grayson County	3,851,731	2,787,876	2,002,525	1,602,602	—	288,583	—	—	1,226,543	399,160	869,914	3,501,686	3,501,686	—
55139	Greene County	(988,807)	3,349,127	2,170,959	1,770,259	—	435,746	—	—	1,360,511	(169,588)	574,071	(1,399,792)	(1,399,792)	—
55140	Greensville County	407,369	3,038,704	2,354,356	1,891,438	—	126,747	—	16,672	1,431,335	304,573	575,795	250,317	250,317	—
55141	Halifax County	61,579	5,248,902	3,923,196	3,223,472	—	178,640	208,457	—	2,451,189	554,821	827,469	372,171	372,171	—
55142	Hanover County	15,904,828	35,434,838	32,000,051	22,239,252	—	1,022,173	1,322,540	3,205,541	17,175,616	8,089,242	9,057,783	16,813,346	16,813,346	—
55143	Henrico County	220,260,826	166,335,071	159,820,840	104,343,282	—	4,758,217	34,095,774	15,543,801	80,137,971	57,549,278	49,570,307	255,430,075	255,430,075	—
55144	Henry County	6,290,318	12,010,135	8,651,470	6,488,642	—	1,332,772	1,509,426	538,340	4,961,158	2,135,075	3,048,441	7,923,127	7,923,127	—
55145	Highland County	(22,193)	904,081	663,814	552,549	—	10,995	72,455	9,356	428,119	95,065	166,244	93,281	93,281	—

Virginia Retirement System

Finance Division

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For the Plan Year Ended and Measurement Date of June 30, 2023

Employer Code	Entity	6/30/2022 Net Pension Liability	PLUS: FY 2022		LESS: FY 2023		LESS: FY 2023		PLUS: FY 2023		PLUS: FY 2023 Employer Pension Expense	LESS: FY 2023 Employer Contributions	Calculated 6/30/2023 Net Pension Liability	Actual 6/30/2023 Net Pension Liability	Difference
			Total Deferred Inflows	Total Deferred Outflows	Deferred Investment Experience	Deferred Changes in Assumptions	Deferred Inflows Expected vs Actual Experience	Deferred Outflows Expected vs Actual Experience	Deferred Outflows Changes in Assumptions	Deferred Outflows Investment Experience					
55146	Isle of Wight County	2,326,364	6,968,144	4,966,319	3,946,445	—	461,670	—	—	3,045,301	1,038,506	1,997,760	2,006,121	2,006,121	—
55147	James City County	19,855,824	23,098,379	19,482,852	14,594,843	—	665,256	1,314,695	728,581	11,199,290	5,636,310	5,903,106	21,187,022	21,187,022	—
55148	King George County	4,386,032	4,923,982	5,652,222	3,282,655	—	—	935,221	247,299	2,530,945	2,289,732	1,828,897	4,549,437	4,549,437	—
55149	King & Queen County	(745,818)	1,638,674	1,127,447	930,405	—	64,342	24,610	—	717,817	160,944	359,408	(685,375)	(685,375)	—
55150	King William County	(135,646)	2,255,010	1,749,959	1,434,801	—	4,899	97,050	—	1,088,062	438,223	589,764	(36,724)	(36,724)	—
55151	Lancaster County	1,335,955	3,021,116	2,075,283	1,748,416	—	169,229	577,148	—	1,342,146	777,226	891,667	2,168,996	2,168,996	—
55152	Lee County	2,232,674	3,214,566	2,800,141	2,131,066	—	291,402	30,651	41,117	1,621,568	488,749	618,756	1,787,960	1,787,960	—
55153	Loudoun County	117,085,241	126,704,672	148,071,599	64,970,218	—	21,806,763	28,393,015	19,646,591	51,027,647	48,842,790	42,224,807	114,626,569	114,626,569	—
55154	Louisa County	(1,119,182)	5,803,969	4,456,545	3,500,086	—	210,466	137,313	86,436	2,706,768	1,150,751	1,720,256	(1,121,298)	(1,121,298)	—
55155	Lunenburg County	871,510	1,695,163	1,066,582	938,888	—	11,148	2,136	—	714,792	(124,089)	373,066	769,828	769,828	—
55156	Madison County	(715,137)	3,292,266	2,082,020	1,513,403	—	856,213	—	135,223	1,170,846	117,673	693,917	(1,144,682)	(1,144,682)	—
55157	Mathews County	(83,539)	1,591,384	1,417,754	1,056,704	—	241,542	79,488	—	809,454	188,579	350,215	(480,849)	(480,849)	—
55158	Mecklenburg County	1,970,955	6,869,764	4,601,616	3,711,198	—	659,178	1,963,650	58,546	2,859,840	1,127,772	1,153,841	4,724,694	4,724,694	—
55159	Middlesex County	(1,981,291)	1,762,225	1,228,395	1,044,537	—	568,760	—	—	801,085	(397,773)	231,429	(2,888,875)	(2,888,875)	—
55160	Montgomery County	11,672,707	11,219,136	8,499,504	6,830,738	—	268,642	1,169,520	24,349	5,208,853	2,529,112	3,088,198	13,136,595	13,136,595	—
55162	Nelson County	1,196,302	2,588,372	1,817,343	1,476,730	—	400,712	—	2,457	1,128,268	78,159	540,182	758,591	758,591	—
55163	New Kent County	2,726,955	3,914,827	4,036,829	2,547,996	—	443,714	230,864	404,150	1,981,716	1,441,561	1,718,618	1,952,916	1,952,916	—
55165	Northampton County	(1,115,644)	4,911,365	3,719,754	2,940,727	—	304,316	191,820	200,904	2,254,025	504,983	943,645	(960,989)	(960,989)	—
55166	Northumberland County	719,374	2,822,226	1,952,053	1,478,631	—	305,357	253,824	108,684	1,126,302	444,470	684,402	1,054,437	1,054,437	—
55167	Nottoway County	(3,140,103)	2,269,331	1,542,737	1,439,370	—	33,159	46,894	—	1,065,046	(68,851)	73,390	(2,916,339)	(2,916,339)	—
55168	Orange County	(750,978)	5,674,287	4,010,085	3,163,918	—	365,855	178,827	28,589	2,452,383	682,043	1,362,814	(637,521)	(637,521)	—
55169	Page County	187,270	4,736,696	3,200,239	2,480,652	—	396,238	254,251	95,900	1,915,438	310,130	1,070,507	352,049	352,049	—
55170	Patrick County	3,072,875	3,596,532	2,771,544	1,968,388	—	729,338	1,822	321,938	1,522,694	496,216	1,131,295	2,411,512	2,411,512	—

Virginia Retirement System

Finance Division

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For the Plan Year Ended and Measurement Date of June 30, 2023

Employer Code	Entity	LESS: FY 2023 PLUS: FY 2023											Calculated 6/30/2023 Net Pension Liability	Actual 6/30/2023 Net Pension Liability	Difference
		6/30/2022 Net Pension Liability	PLUS: FY 2022 Total Deferred Inflows	LESS: FY 2022 Total Deferred Outflows	LESS: FY 2023 Deferred Investment Experience	LESS: FY 2023 Deferred Changes in Assumptions	Deferred Inflows Expected vs Actual Experience	Deferred Outflows Expected vs Actual Experience	PLUS: FY 2023 Deferred Outflows Changes in Assumptions	PLUS: FY 2023 Deferred Investment Experience	PLUS: FY 2023 Employer Pension Expense	LESS: FY 2023 Employer Contributions			
55171	Pittsylvania County	8,226,450	8,604,871	7,286,908	5,423,302	—	258,243	532,602	281,067	4,138,700	2,262,875	2,498,615	8,579,497	8,579,497	—
55172	Powhatan County	2,561,538	3,543,731	3,518,673	1,989,491	—	362,988	1,195,319	513,895	1,546,184	1,656,948	1,529,668	3,616,795	3,616,795	—
55173	Prince Edward County	740,897	2,857,902	2,285,431	1,905,268	—	200,428	13,893	—	1,447,588	306,249	583,187	392,215	392,215	—
55174	Prince George County	8,290,197	8,325,198	6,323,972	4,713,403	—	565,985	1,296,845	349,356	3,622,764	2,340,819	2,764,240	9,857,579	9,857,579	—
55176	Prince William County	166,580,351	179,743,915	160,168,593	99,887,620	—	24,826,922	3,069,628	22,898,461	76,879,919	42,630,305	52,960,361	153,959,083	153,959,083	—
55177	Pulaski County	753,021	7,552,482	5,335,815	4,387,401	—	399,980	1,510,590	—	3,353,888	1,487,199	1,452,787	3,081,197	3,081,197	—
55178	Rappahannock County	979,872	2,152,185	1,418,744	1,190,392	—	131,837	—	—	906,265	(106,151)	456,906	734,292	734,292	—
55179	Richmond County	135,743	1,843,387	1,355,470	1,137,661	—	30,757	75,638	—	868,235	394,824	534,252	259,687	259,687	—
55180	Roanoke County	37,735,346	29,773,026	24,902,871	18,499,419	—	975,618	3,764,266	1,460,249	14,166,156	8,989,308	9,238,228	42,272,215	42,272,215	—
55181	Rockbridge County	2,543,693	5,229,271	3,644,613	2,722,718	—	685,499	68,968	341,422	2,076,648	695,606	1,532,898	2,369,880	2,369,880	—
55182	Rockingham County	14,712,084	13,807,485	12,158,246	8,537,724	—	394,294	1,009,401	982,342	6,556,699	4,349,726	4,746,659	15,580,814	15,580,814	—
55183	Russell County	5,425,558	3,778,414	2,929,985	2,302,120	—	235,371	—	—	1,762,651	687,591	1,041,249	5,145,489	5,145,489	—
55184	Scott County	4,678,588	4,018,709	2,781,129	2,102,807	—	430,476	1,147,891	137,179	1,614,196	969,852	1,169,386	6,082,617	6,082,617	—
55185	Shenandoah County	2,218,428	7,484,330	5,659,876	4,194,298	—	1,184,267	—	257,594	3,236,126	899,606	2,087,544	970,099	970,099	—
55186	Smyth County	2,867,630	5,066,407	4,309,403	3,377,604	—	—	590,516	15,753	2,563,175	1,239,476	1,016,019	3,639,931	3,639,931	—
55187	Southampton County	1,815,681	6,147,660	3,963,189	3,277,736	—	735,225	—	—	2,503,576	5,029	1,120,932	1,374,864	1,374,864	—
55188	Spotsylvania County	24,971,423	26,873,442	29,836,940	15,485,562	—	2,566,667	3,866,819	3,516,329	12,048,952	10,191,214	9,783,810	23,795,200	23,795,200	—
55189	Stafford County	29,055,673	25,699,513	26,777,539	16,414,652	—	727,686	6,301,670	3,045,040	12,703,017	10,819,467	9,687,171	34,017,332	34,017,332	—
55190	Surry County	1,074,776	2,716,941	1,907,479	1,448,274	—	318,797	—	37,493	1,105,738	214,443	551,823	923,018	923,018	—
55191	Sussex County	(5,086,674)	4,169,000	2,550,219	2,265,158	—	469,804	—	—	1,732,135	(791,775)	328,405	(5,590,900)	(5,590,900)	—
55192	Tazewell County	6,157,464	7,078,082	5,223,836	4,248,510	—	306,973	305,321	—	3,237,925	1,062,471	1,615,123	6,446,821	6,446,821	—
55193	Warren County	452,056	6,414,682	4,643,383	3,587,612	—	780,360	—	152,554	2,770,379	704,952	1,714,020	(230,752)	(230,752)	—
55195	Washington County	4,098,566	6,042,254	4,576,945	3,665,936	—	517,311	—	6,777	2,797,005	719,691	1,582,968	3,321,133	3,321,133	—

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Finance Division

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For the Plan Year Ended and Measurement Date of June 30, 2023

Employer Code	Entity	6/30/2022 Net Pension Liability	PLUS: FY 2022		LESS: FY 2022		LESS: FY 2023		PLUS: FY 2023		PLUS: FY 2023 Employer Pension Expense	LESS: FY 2023 Employer Contributions	Calculated 6/30/2023 Net Pension Liability	Actual 6/30/2023 Net Pension Liability	Difference
			Total Deferred Inflows	Total Deferred Outflows	Deferred Investment Experience	Deferred Changes in Assumptions	Deferred Inflows Expected vs Actual Experience	Deferred Outflows Expected vs Actual Experience	Deferred Outflows Changes in Assumptions	Deferred Outflows Experience					
55196	Westmoreland County	537,026	3,731,841	2,613,669	2,098,575	—	422,673	—	27,101	1,604,476	475,200	971,990	268,737	268,737	—
55197	Wise County	8,378,296	7,649,468	5,279,596	4,056,358	—	721,369	568,850	64,051	3,119,115	1,139,378	1,776,302	9,085,533	9,085,533	—
55198	Wythe County	2,214,598	4,656,926	3,210,545	2,774,778	—	456,293	—	—	2,119,287	463,783	961,758	2,051,220	2,051,220	—
55199	York County	18,000,847	28,544,342	21,384,650	16,672,907	—	1,819,271	5,557,387	675,611	12,745,244	6,220,528	6,365,133	25,501,998	25,501,998	—
55200	City of Alexandria	85,425,917	70,027,722	61,217,702	44,555,522	—	1,802,904	8,759,438	5,131,760	34,043,486	16,570,628	15,802,295	96,580,528	96,580,528	—
55201	City of Bristol	16,370,731	13,070,797	9,004,979	7,469,032	—	499,222	840,180	—	5,635,649	1,401,472	2,720,515	17,625,081	17,625,081	—
55202	City of Buena Vista	2,758,117	2,315,037	1,767,293	1,384,520	—	701,289	6,797	—	1,049,131	(85,282)	623,289	1,567,409	1,567,409	—
55203	Town of St Paul	823,672	353,948	302,116	220,784	—	120,169	2,428	14,357	170,827	65,017	154,143	633,037	633,037	—
55204	City of Clifton Forge	1,128,423	1,114,521	765,609	730,350	—	78,025	—	—	550,654	(79,070)	222,854	917,690	917,690	—
55205	City of Danville	364,027	3,461,773	2,561,066	2,110,903	—	784,088	—	9,404	1,608,818	(217,454)	686,941	(916,430)	(916,430)	—
55206	City of Fredericksburg	24,248,922	14,065,473	12,202,206	9,236,184	—	7,971	2,054,009	76,179	7,037,942	5,559,682	4,784,283	26,811,563	26,811,563	—
55207	City of Hampton	121,404,844	67,230,608	52,723,814	39,296,844	—	3,815,347	6,537,595	3,090,459	30,006,018	18,048,476	20,328,949	130,153,046	130,153,046	—
55208	City of Harrisonburg	25,179,949	18,561,044	15,875,377	11,183,560	—	992,890	3,260,215	1,313,509	8,547,382	5,674,270	5,198,359	29,286,183	29,286,183	—
55209	City of Hopewell	13,327,688	14,084,401	9,786,071	7,804,492	—	868,253	387,377	—	5,912,609	1,596,081	3,083,853	13,765,487	13,765,487	—
55210	City of Lynchburg	88,398,188	41,120,909	31,384,333	22,616,122	—	3,661,178	1,525,988	3,069,277	17,221,495	8,300,994	13,684,223	88,290,995	88,290,995	—
55211	Town of Crewe	(344,581)	440,110	371,816	293,407	—	36,898	—	—	224,075	(18,295)	40,526	(441,338)	(441,338)	—
55212	City of Norfolk	(1,741,204)	16,529,915	12,247,836	9,239,493	—	1,386,060	3,919,114	781,504	7,108,547	637,497	10,620,748	(6,258,764)	(6,258,764)	—
55213	City of Petersburg	8,234,452	20,967,768	13,239,931	12,634,473	—	930,963	—	—	9,525,181	(2,490,730)	3,256,996	6,174,308	6,174,308	—
55214	City of Portsmouth	9,544,139	47,434,704	34,995,027	27,732,768	—	1,861,823	900,686	104,950	21,346,700	6,212,339	10,463,248	10,490,652	10,490,652	—
55215	City of Radford	5,703,692	7,255,265	5,536,694	4,110,378	—	406,974	749,298	234,015	3,158,145	1,374,208	1,694,397	6,726,180	6,726,180	—
55216	City of Richmond	3,328,864	16,526,495	12,030,638	10,066,636	—	751,208	—	—	7,675,045	586,746	3,495,728	1,772,940	1,772,940	—
55217	City of Roanoke	9,647,457	7,768,671	9,239,073	4,976,873	—	144,677	3,493,629	828,149	3,764,010	2,938,115	2,142,924	11,936,484	11,936,484	—
55218	Town of Craigsville	215,742	61,086	75,705	39,888	—	6,680	10,626	—	31,291	28,864	20,958	204,378	204,378	—

Virginia Retirement System

Finance Division

Analysis of Political Subdivision Employer Change in Net Pension Liability

For the Plan Year Ended and Measurement Date of June 30, 2023

		LESS: FY 2023 PLUS: FY 2023											Calculated		
		PLUS: FY 2022	LESS: FY 2022	LESS: FY 2023	LESS: FY 2023	Deferred	Deferred	PLUS: FY 2023	PLUS: FY 2023	PLUS: FY 2023			6/30/2023	Actual	
		6/30/2022	Total	Total	Deferred	Deferred	Inflows	Deferred	Deferred	PLUS: FY 2023	LESS: FY 2023	6/30/2023	Actual		
Employer		Net Pension	Deferred	Deferred	Investment	Changes in	vs Actual	vs Actual	Changes in	Investment	Pension	Employer	Net Pension	Net Pension	Difference
Code	Entity	Liability	Inflows	Outflows	Experience	Assumptions	Experience	Experience	Assumptions	Experience	Contributions	Liability	Liability		
55219	City of Staunton	17,686,789	8,665,287	6,720,587	5,214,280	—	25,773	439,671	—	3,982,576	2,172,078	2,823,081	18,162,680	18,162,680	—
55220	City of Suffolk	36,555,778	39,539,170	31,130,402	22,941,606	—	2,792,634	6,955,822	2,348,492	17,648,582	10,156,506	10,653,472	45,686,236	45,686,236	—
55221	City of Williamsburg	10,703,320	7,594,980	6,253,890	4,964,738	—	67,069	1,019,091	—	3,759,157	2,577,092	2,114,231	12,253,712	12,253,712	—
55222	City of Winchester	5,129,493	15,907,537	11,167,519	8,587,086	—	1,126,161	1,042,287	226,355	6,607,786	1,424,481	3,266,335	6,190,838	6,190,838	—
55223	City of Martinsville	21,861,054	11,325,018	7,983,288	6,454,646	—	689,363	—	—	4,890,845	1,632,362	3,189,757	21,392,225	21,392,225	—
55224	City of Falls Church	(1,391,889)	776,075	493,169	466,616	—	—	36,266	—	354,381	(90,476)	20,055	(1,295,483)	(1,295,483)	—
55225	City of Colonial Heights	8,046,626	9,665,204	7,488,449	5,716,524	—	546,014	1,463,334	345,637	4,357,666	2,246,229	2,318,263	10,055,446	10,055,446	—
55226	Town of Front Royal	5,352,553	4,642,013	3,301,907	2,766,590	—	142,909	4,815	—	2,103,354	493,495	1,124,844	5,259,980	5,259,980	—
55227	Town of Boyce	(85,405)	10,163	7,283	6,776	—	—	—	—	5,224	(8,066)	—	(92,143)	(92,143)	—
55228	Town of Middletown	(222,259)	132,274	82,319	73,448	—	5,983	—	—	59,722	32,144	68,874	(228,743)	(228,743)	—
55229	Town of Chilhowie	66,045	685,077	380,079	294,571	—	184,930	1,025	6,686	235,082	16,259	147,984	2,610	2,610	—
55230	City of Covington	2,294,975	3,666,843	2,082,455	1,652,186	—	856,539	—	13,063	1,255,488	(547,099)	450,867	1,641,223	1,641,223	—
55231	Town of Floyd	84,872	58,626	41,885	25,521	—	41,644	4,604	313	19,206	(2,757)	13,189	42,625	42,625	—
55232	City of Franklin	2,409,183	4,968,333	3,464,186	2,865,578	—	295,156	—	—	2,161,297	379,836	1,208,034	2,085,695	2,085,695	—
55233	City of Chesapeake	131,935,647	115,432,628	96,503,375	69,957,119	—	5,516,686	19,022,729	9,476,303	53,476,375	32,797,262	33,933,407	156,230,357	156,230,357	—
55234	City of Virginia Beach	355,016,844	248,615,032	205,511,783	139,911,858	—	23,619,022	62,977,968	25,063,583	106,649,234	74,616,030	67,544,081	436,351,947	436,351,947	—
55235	City of Norton	(532,496)	2,323,531	1,807,140	1,477,352	—	58,415	4,651	49,634	1,123,297	211,701	370,373	(532,962)	(532,962)	—
55236	City of Manassas Park	595,484	5,477,119	3,955,043	3,177,841	—	148,401	1,173,695	—	2,446,846	1,099,668	1,322,314	2,189,213	2,189,213	—
55237	Town of Exmore	(1,018,533)	366,734	185,263	158,702	—	86,247	—	4,309	124,494	(95,450)	10,790	(1,059,448)	(1,059,448)	—
55238	Town of Pound	46,491	168,113	118,350	111,299	—	—	—	—	82,677	566,180	865	632,947	632,947	—
55239	Town of Grottoes	(37,947)	405,267	260,072	200,760	—	307,415	—	—	155,068	(195,230)	134,238	(575,327)	(575,327)	—
55240	Town of Onley	(34,198)	68,039	66,958	43,518	—	5,403	—	2,115	33,085	25,803	73,119	(94,154)	(94,154)	—
55241	Town of West Point	100,897	645,285	531,658	430,190	—	—	348,836	—	331,575	401,554	215,303	650,996	650,996	—

Virginia Retirement System

Finance Division

Analysis of Political Subdivision Employer Change in Net Pension Liability

For the Plan Year Ended and Measurement Date of June 30, 2023

Employer Code	Entity	6/30/2022 Net Pension Liability	PLUS: FY 2022		LESS: FY 2022		LESS: FY 2023		PLUS: FY 2023		PLUS: FY 2023 Employer Pension Expense	LESS: FY 2023 Employer Contributions	Calculated 6/30/2023 Net Pension Liability	Actual 6/30/2023 Net Pension Liability	Difference
			Total Deferred Inflows	Total Deferred Outflows	Deferred Investment Experience	Deferred Changes in Assumptions	Deferred Inflows Expected vs Actual Experience	Deferred Outflows Expected vs Actual Experience	Deferred Outflows Changes in Assumptions	Deferred Outflows Investment Experience					
55242	Town of South Hill	5,002,610	1,375,588	1,375,091	860,942	—	330,613	66,242	45,296	664,937	689,836	820,685	4,457,178	4,457,178	—
55243	Town of Rural Retreat	(12,070)	131,936	89,297	62,382	—	109,112	307	1,973	48,831	(23,000)	27,761	(140,575)	(140,575)	—
55244	Town of Dillwyn	(10,417)	2,518	1,806	1,679	—	—	—	—	1,296	(13,437)	—	(23,525)	(23,525)	—
55245	Town of Scottsville	(50,943)	67,896	44,035	40,673	—	45,825	—	—	31,668	(54,678)	25,468	(162,058)	(162,058)	—
55246	Town of Burkeville	(111,588)	42,102	32,017	27,319	—	374	9,806	—	20,775	929	—	(97,686)	(97,686)	—
55247	Town of Madison	(45,874)	12,525	10,431	5,942	—	17,158	1,538	821	4,894	(12,722)	1,865	(74,214)	(74,214)	—
55248	Town of Pennington Gap	(55,566)	184,093	198,488	106,764	—	30,922	15,438	1,418	82,128	54,590	42,570	(96,643)	(96,643)	—
55249	Town of La Crosse	(136,744)	55,200	39,383	35,017	—	—	3,453	—	26,759	(3,958)	971	(130,661)	(130,661)	—
55250	Town of Rich Creek	(128,848)	77,554	62,835	41,807	—	535	52,128	4,789	32,452	8,915	7,219	(65,406)	(65,406)	—
55252	Town of Windsor	(158,238)	219,252	144,906	101,106	—	14,571	24,903	866	78,639	300,181	131,965	73,055	73,055	—
55253	Town of Haysi	387,282	26,815	48,397	17,877	—	—	38,318	393	13,066	70,451	23,726	446,325	446,325	—
55254	Town of Stephens City	241,903	323,632	148,304	115,160	—	46,982	—	224	89,764	(71,632)	74,790	198,655	198,655	—
55255	Town of Brodnax	(77,808)	30,678	18,510	13,801	—	26,281	559	705	10,736	(20,951)	788	(115,461)	(115,461)	—
55256	Town of Mineral	(46,831)	28,262	23,643	18,674	—	27,790	798	—	14,481	(38,083)	1,686	(113,166)	(113,166)	—
55257	Town of Lebanon	4,338,229	663,783	1,193,463	424,942	—	123,515	242,461	120,959	321,479	598,278	346,067	4,197,202	4,197,202	—
55258	City of Newport News	(15,396,159)	10,908,037	8,135,433	5,179,949	—	4,247,617	13,433	1,277,543	4,315,220	4,836,696	7,059,130	(18,667,359)	(18,667,359)	—
55259	Town of Richlands	7,342,096	1,185,961	1,201,251	554,245	—	254,781	136,529	210,858	430,426	770,084	693,742	7,371,935	7,371,935	—
55260	Town of Haymarket	(525,207)	460,305	175,836	71,128	3,503	260,666	22,302	18,549	58,942	(84,491)	41,581	(602,314)	(602,314)	—
55261	Town of Lovettsville	(167,149)	154,729	85,676	49,307	—	101,492	6,820	7,326	40,572	(34,858)	21,636	(250,671)	(250,671)	—
55262	Town of Troutville	25,999	5,147	11,913	2,023	751	810	10,227	27	1,934	13,469	4,634	36,672	36,672	—
55263	Town of Buchanan	3,326	4,429	2,998	2,243	—	6,332	—	65	2,136	13,113	11,231	265	265	—
55264	Town of Eastville	234,869	17,876	75,475	11,918	—	—	75,822	11,729	11,046	85,215	78,798	270,366	270,366	—
55265	Town of Occoquan	(85,023)	17,992	93,022	11,995	—	—	62,351	745	10,903	30,436	23,548	(91,161)	(91,161)	—

Virginia Retirement System

Finance Division

Analysis of Political Subdivision Employer Change in Net Pension Liability

For the Plan Year Ended and Measurement Date of June 30, 2023

Employer Code	Entity	6/30/2022 Net Pension Liability	PLUS: FY 2022		LESS: FY 2022		LESS: FY 2023		PLUS: FY 2023		PLUS: FY 2023 Employer Pension Expense	LESS: FY 2023 Employer Contributions	Calculated 6/30/2023 Net Pension Liability	Actual 6/30/2023 Net Pension Liability	Difference
			Total Deferred Inflows	Total Deferred Outflows	Deferred Investment Experience	Deferred Changes in Assumptions	Deferred Inflows Expected vs Actual Experience	Deferred Outflows Expected vs Actual Experience	Deferred Outflows Changes in Assumptions	Deferred Outflows Investment Experience					
55266	Town of Farmville	646,112	—	197,111	9,413	—	—	—	—	147,833	(533,713)	291,187	(237,479)	(237,479)	—
55267	Town of Glade Spring	—	—	—	471	—	—	—	—	—	22,296	33,334	(11,509)	(11,509)	—
55300	Town of Abingdon	2,018,513	3,064,863	2,155,678	1,630,984	—	676,073	2,159	64,903	1,240,761	(69,424)	509,745	1,349,295	1,349,295	—
55301	Town of Dumfries	(101,389)	600,512	420,925	396,034	—	—	116,703	—	301,919	259,645	274,510	85,921	85,921	—
55302	Town of Iron Gate	65,823	30,806	40,436	20,537	—	7,913	—	—	15,353	11,431	7,316	47,211	47,211	—
55303	Town of Montross	13,415	53,290	46,807	35,526	—	—	22,170	—	26,508	29,782	12,222	50,610	50,610	—
55304	Town of South Boston	3,288,318	2,601,474	2,096,729	1,663,227	—	672,919	—	—	1,264,732	316,193	729,690	2,308,152	2,308,152	—
55305	Town of Gretna	(129,974)	394,166	232,123	163,526	—	221,046	—	31,296	128,288	(108,514)	42,760	(344,193)	(344,193)	—
55306	Town of Remington	53,682	95,598	70,770	57,652	—	1,830	95,239	—	43,683	67,581	22,452	203,079	203,079	—
55307	City of Lexington	1,085,924	3,874,755	2,478,702	1,972,226	—	267,554	489,452	—	1,511,469	251,505	660,867	1,833,756	1,833,756	—
55308	City of Waynesboro	9,907,103	9,088,049	6,526,540	5,502,434	—	274,400	281,185	—	4,160,963	1,039,740	1,865,935	10,307,731	10,307,731	—
55309	Town of Colonial Beach	(1,813,474)	1,000,748	647,791	611,318	—	27,520	—	—	466,278	(128,402)	—	(1,761,479)	(1,761,479)	—
55310	Town of Smithfield	(1,482,199)	2,108,555	1,361,568	944,659	—	383,152	—	72,224	737,733	(59,200)	284,481	(1,596,747)	(1,596,747)	—
55311	Town of Brookneal	419,206	170,450	119,247	113,633	—	5,521	—	—	85,814	(32,906)	51,581	352,582	352,582	—
55312	Town of Hamilton	19,921	90,570	63,530	60,380	—	—	—	—	45,799	100,219	13,216	119,383	119,383	—
55313	City of Galax	1,006,652	3,692,793	2,875,773	2,314,293	—	582,350	—	11,310	1,762,898	(6,970)	584,318	109,949	109,949	—
55314	Town of Jonesville	(51,356)	139,529	101,517	87,695	—	67,532	—	—	67,139	(82,560)	12,047	(196,039)	(196,039)	—
55315	Town of Wytheville	3,845,966	3,367,448	3,494,204	2,244,965	—	435,984	257,340	260,625	1,714,752	924,649	1,098,889	3,096,738	3,096,738	—
55316	City of Fairfax	40,341,419	16,419,612	12,670,482	10,364,216	—	381,982	1,449,336	—	7,883,335	4,150,194	4,705,600	42,121,616	42,121,616	—
55317	Town of Vienna	10,638,709	8,109,737	6,948,490	4,782,042	—	909,346	354,243	305,080	3,645,585	1,026,429	1,886,409	9,553,496	9,553,496	—
55318	Town of Vinton	60,827	2,341,946	1,553,260	1,414,574	—	77,473	—	—	1,074,858	(151,187)	371,937	(90,800)	(90,800)	—
55319	City of Emporia	112,866	3,758,619	2,586,656	2,129,376	—	204,256	512,992	—	1,623,358	444,099	683,644	848,002	848,002	—
55320	Town of Culpeper	3,527,602	6,163,597	4,180,906	3,043,236	—	613,765	1,053,013	80,342	2,354,761	983,356	1,425,001	4,899,763	4,899,763	—

Virginia Retirement System

Finance Division

Analysis of Political Subdivision Employer Change in Net Pension Liability

For the Plan Year Ended and Measurement Date of June 30, 2023

Employer Code	Entity	6/30/2022 Net Pension Liability	PLUS: FY 2022		LESS: FY 2022		LESS: FY 2023		PLUS: FY 2023		PLUS: FY 2023 Employer Pension Expense	LESS: FY 2023 Employer Contributions	Calculated 6/30/2023 Net Pension Liability	Actual 6/30/2023 Net Pension Liability	Difference
			Total Deferred Inflows	Total Deferred Outflows	Deferred Investment Experience	Deferred Changes in Assumptions	Deferred Inflows Expected vs Actual Experience	Deferred Outflows Expected vs Actual Experience	Deferred Outflows Changes in Assumptions	Deferred Outflows Investment Experience					
55321	Town of Woodstock	1,787,801	2,154,842	1,375,255	905,209	—	610,620	2,085	143,635	696,537	156,940	498,653	1,552,103	1,552,103	—
55322	Town of Glasgow	(516,349)	125,898	84,984	79,098	—	10,453	—	—	61,025	(55,302)	—	(559,263)	(559,263)	—
55323	Town of Marion	2,699,629	2,537,878	1,709,932	1,203,669	—	609,097	—	94,683	923,242	162,934	576,762	2,318,906	2,318,906	—
55324	Town of Altavista	(84,470)	1,618,095	924,533	877,901	—	—	274,045	—	662,708	88,862	288,237	468,569	468,569	—
55325	Town of Herndon	559,665	11,093,536	8,776,205	6,727,760	—	426,712	137,275	406,756	5,130,614	831,936	1,583,248	645,857	645,857	—
55326	Town of Pearisburg	510,580	1,306,786	769,832	562,346	—	245,586	60,083	63,832	435,124	(37,138)	176,141	585,362	585,362	—
55327	Town of Christiansburg	9,313,592	5,347,007	4,662,394	3,360,793	—	50,969	451,941	131,149	2,592,719	1,899,901	1,934,228	9,727,925	9,727,925	—
55328	Town of Wakefield	3,381	77,137	256,054	51,424	—	—	90,348	2,418	42,328	106,877	9,094	5,917	5,917	—
55329	Town of Leesburg	12,269,064	12,972,684	10,869,129	8,140,968	—	175,668	789,734	468,744	6,276,816	2,925,154	3,667,240	12,849,191	12,849,191	—
55330	Town of Chatham	(347,313)	257,430	234,595	171,620	—	90,343	—	—	129,876	(88,721)	12,456	(557,742)	(557,742)	—
55331	Town of Bowling Green	426,877	124,314	86,331	78,486	—	90,405	—	—	62,313	(110,766)	71,455	176,061	176,061	—
55332	City of Manassas	23,521,662	18,175,528	15,290,482	10,578,947	—	1,433,203	2,848,732	1,460,356	8,112,259	5,216,999	4,967,512	27,065,392	27,065,392	—
55333	Town of Alberta	(191,902)	37,482	26,463	24,988	—	—	—	—	19,003	67,717	—	(119,151)	(119,151)	—
55334	Town of Boydton	(293,168)	174,077	150,448	116,051	—	—	7,834	—	87,677	19,021	—	(271,058)	(271,058)	—
55335	City of Salem	39,575,194	19,970,749	15,422,131	13,137,140	—	—	735,965	—	9,948,807	4,162,331	5,418,713	40,415,062	40,415,062	—
55336	Town of McKenney	91,856	37,242	24,906	24,248	—	—	5,159	—	17,887	5,610	16,543	92,057	92,057	—
55337	Town of Narrows	369,597	663,406	341,839	300,114	—	39,769	17,626	—	234,837	(62,661)	153,829	387,254	387,254	—
55338	Town of Quantico	(435,837)	87,705	62,399	58,470	—	—	21,771	—	44,359	29,510	—	(373,361)	(373,361)	—
55339	Town of Halifax	(121,787)	249,503	224,967	166,336	—	101,642	—	—	125,528	(54,202)	53,731	(347,634)	(347,634)	—
55340	Town of Blacksburg	17,135,936	9,057,971	7,846,476	5,653,328	—	330,979	2,619,080	510,874	4,319,190	3,597,200	2,522,751	20,886,717	20,886,717	—
55341	Town of Chincoteague	537,542	1,082,265	1,030,629	701,012	—	16,197	245,146	115,096	535,832	338,391	325,715	780,719	780,719	—
55342	Town of Lawrenceville	(33,241)	833,444	394,995	307,865	—	144,456	89,397	—	237,244	(106,728)	82,838	89,962	89,962	—
55343	Town of Amherst	277,463	606,083	453,496	338,935	—	54,991	325,688	38,515	255,045	234,458	188,309	701,521	701,521	—

Virginia Retirement System

Finance Division

Analysis of Political Subdivision Employer Change in Net Pension Liability

For the Plan Year Ended and Measurement Date of June 30, 2023

Employer Code	Entity	6/30/2022 Net Pension Liability	PLUS: FY 2022		LESS: FY 2022		LESS: FY 2023		PLUS: FY 2023		PLUS: FY 2023 Employer Pension Expense	LESS: FY 2023 Employer Contributions	Calculated 6/30/2023 Net Pension Liability	Actual 6/30/2023 Net Pension Liability	Difference
			Total Deferred Inflows	Total Deferred Outflows	Deferred Investment Experience	Deferred Changes in Assumptions	Deferred Inflows Expected vs Actual Experience	Deferred Outflows Expected vs Actual Experience	Deferred Outflows Changes in Assumptions	Deferred Outflows Investment Experience					
55344	Town of Stanley	179,654	353,103	281,328	227,959	—	308,573	3,686	—	177,703	126,513	131,221	(108,422)	(108,422)	—
55345	Town of Hillsville	779,143	1,039,635	699,727	527,487	—	227,739	—	11,918	404,168	50,352	245,055	585,208	585,208	—
55346	Town of Elkton	(310,599)	603,305	333,729	311,304	—	84,508	—	—	239,769	(132,909)	108,642	(438,617)	(438,617)	—
55347	Town of Bridgewater	261,246	1,356,795	913,798	829,149	—	9,154	276,687	—	633,211	281,176	240,122	816,892	816,892	—
55348	Town of Purcellville	(577,160)	2,233,261	1,637,578	1,324,023	—	84,528	862,308	35,620	1,022,254	709,292	567,641	671,805	671,805	—
55349	Town of Timberville	246,426	381,061	448,113	220,180	—	21,931	72,626	30,137	172,247	159,799	149,897	222,175	222,175	—
55350	Town of Wise	329,397	1,687,983	1,175,170	936,008	—	110,679	381,642	37,324	710,620	188,802	261,270	852,641	852,641	—
55351	Town of New Market	935,041	456,621	410,466	275,831	—	17,182	2,379	34,367	211,837	258,593	238,575	956,784	956,784	—
55352	Town of Tappahannock	352,921	698,203	716,281	465,469	—	—	85,178	15,951	357,340	222,233	186,454	363,622	363,622	—
55353	Town of Rocky Mount	1,886,996	1,926,272	1,227,550	917,819	—	244,146	274,874	81,101	709,053	220,571	506,207	2,203,145	2,203,145	—
55354	Town of Big Stone Gap	2,760,562	1,545,450	955,986	826,233	—	120,126	—	—	627,594	(59,965)	388,576	2,582,720	2,582,720	—
55355	Town of Luray	891,918	1,822,478	1,126,465	892,332	—	187,104	315,159	—	680,971	207,344	345,484	1,366,485	1,366,485	—
55356	Town of Stuart	169,038	22,728	—	22,793	—	—	—	—	—	65	—	169,038	169,038	—
55357	Town of Strasburg	816,596	1,419,054	1,370,816	946,036	—	—	35,217	—	721,573	506,206	360,480	821,314	821,314	—
55358	Town of Appomattox	(244,819)	384,493	271,821	229,388	—	11,503	172,635	1,789	177,280	129,724	45,867	62,523	62,523	—
55359	Town of Clarksville	473,693	550,071	377,568	302,406	—	42,084	276,863	8,559	233,924	236,463	148,934	908,581	908,581	—
55360	Town of Dublin	(62,480)	776,222	472,989	371,231	—	140,606	—	10,666	289,842	(91,145)	160,300	(222,021)	(222,021)	—
55361	Town of Middleburg	(342,691)	640,924	309,803	262,643	—	41,003	74,632	—	202,468	(17,644)	218,014	(273,774)	(273,774)	—
55362	Town of Edinburg	(405,491)	167,802	117,797	109,628	—	—	642	—	84,530	(32,530)	—	(412,472)	(412,472)	—
55363	Town of Chase City	861,722	801,805	576,666	462,516	—	26,190	86,780	—	347,413	114,242	105,667	1,040,923	1,040,923	—
55364	City of Bedford	7,456,255	2,784,025	2,218,304	1,813,234	—	269,824	26,321	—	1,367,760	583,462	1,024,578	6,891,883	6,891,883	—
55365	City of Poquoson	1,699,968	4,801,547	3,821,784	2,649,190	—	329,110	343,731	268,207	2,025,913	727,599	1,034,988	2,031,893	2,031,893	—
55366	Town of Ashland	1,081,736	1,980,646	1,770,140	1,320,430	—	87,794	58,898	—	1,008,793	469,213	526,195	894,727	894,727	—

Virginia Retirement System

Finance Division

Analysis of Political Subdivision Employer Change in Net Pension Liability

For the Plan Year Ended and Measurement Date of June 30, 2023

Employer Code	Entity	6/30/2022 Net Pension Liability	PLUS: FY 2022		LESS: FY 2022		LESS: FY 2023		PLUS: FY 2023		PLUS: FY 2023 Employer Pension Expense	LESS: FY 2023 Employer Contributions	Calculated 6/30/2023 Net Pension Liability	Actual 6/30/2023 Net Pension Liability	Difference
			Total Deferred Inflows	Total Deferred Outflows	Deferred Investment Experience	Deferred Changes in Assumptions	Deferred Inflows Expected vs Actual Experience	Deferred Outflows Expected vs Actual Experience	Deferred Outflows Changes in Assumptions	Deferred Outflows Investment Experience					
55367	Town of Broadway	557,649	437,133	554,926	280,513	—	7,376	229,947	47,819	216,092	280,963	215,790	710,998	710,998	—
55368	Town of Berryville	580,871	888,021	682,009	538,322	—	15,588	14,399	—	414,606	147,847	236,129	573,696	573,696	—
55369	Town of Tazewell	35,553	899,168	773,572	597,526	—	49,574	2,357	20,504	459,044	196,160	231,468	(39,354)	(39,354)	—
55370	Town of Urbanna	(414,936)	130,866	90,719	87,244	—	12,221	—	—	65,150	(75,826)	—	(484,930)	(484,930)	—
55371	Town of Bluefield	(7,037)	1,063,875	925,768	663,847	—	20,809	221,027	42,356	508,787	301,486	293,130	226,940	226,940	—
55372	Town of Weber City	(26,478)	95,317	65,629	62,090	—	—	41,465	—	47,265	119,181	37,847	111,184	111,184	—
55373	Town of Damascus	(97,780)	27,948	19,012	18,632	—	—	—	—	13,503	(5,541)	—	(99,514)	(99,514)	—
55374	Town of Hurt	206,935	83,860	59,727	55,907	—	—	29,709	—	42,826	71,535	44,691	274,540	274,540	—
55375	Town of Waverly	(666,834)	291,300	203,645	194,200	—	—	—	—	146,433	(304,152)	—	(931,098)	(931,098)	—
55376	Town of Coeburn	(275,739)	389,072	316,219	259,382	—	—	70,842	—	195,251	80,911	8,926	(124,190)	(124,190)	—
55377	Town of Dayton	(125,880)	415,085	447,931	250,534	—	—	44,878	—	191,030	172,664	95,964	(96,652)	(96,652)	—
55378	Town of Courtland	(230,806)	95,539	63,053	58,061	—	—	963	—	44,531	(10,891)	—	(221,778)	(221,778)	—
55379	Town of Cape Charles	(466,055)	479,667	396,430	308,677	—	16,333	574	1,823	238,835	86,949	109,779	(489,426)	(489,426)	—
55380	Town of Independence	258,010	248,913	178,226	126,566	—	30,296	66,967	11,529	99,338	275,885	74,678	550,876	550,876	—
55381	Town of Warsaw	18,693	403,380	216,760	193,473	—	118,598	—	—	145,141	(140,793)	61,730	(164,140)	(164,140)	—
55382	Town of Grundy	(206,508)	456,257	268,589	246,228	—	—	32,252	—	187,022	(79,492)	6,655	(131,941)	(131,941)	—
55383	Town of Warrenton	1,081,471	3,855,410	2,719,750	2,233,896	—	187,320	142,167	—	1,691,871	487,091	743,226	1,373,818	1,373,818	—
55384	Town of Louisa	(1,104,413)	470,122	269,707	253,406	—	45,880	—	—	194,156	(388,774)	22,665	(1,420,567)	(1,420,567)	—
55385	Town of Kenbridge	(360,630)	369,222	129,771	118,474	—	162,472	—	—	92,725	(160,225)	41,427	(511,052)	(511,052)	—
55386	Town of Mt Jackson	180,989	376,980	280,257	233,398	—	7,246	42,024	—	178,616	124,656	147,286	235,078	235,078	—
55387	Town of Pulaski	(1,105,684)	3,632,881	2,195,581	1,890,728	—	774,718	—	—	1,436,907	(745,275)	473,481	(2,115,679)	(2,115,679)	—
55388	Town of Jarratt	1,736	28,152	19,678	18,768	—	—	—	—	14,136	(2,110)	3,398	70	70	—
55389	Town of Pembroke	4,485	162,902	101,843	82,640	—	20,056	122,857	3,873	64,664	63,487	25,304	192,425	192,425	—

Virginia Retirement System

Finance Division

Analysis of Political Subdivision Employer Change in Net Pension Liability

For the Plan Year Ended and Measurement Date of June 30, 2023

Employer Code	Entity	6/30/2022 Net Pension Liability	PLUS: FY 2022		LESS: FY 2022		LESS: FY 2023		PLUS: FY 2023		PLUS: FY 2023 Employer Pension Expense	LESS: FY 2023 Employer Contributions	Calculated 6/30/2023 Net Pension Liability	Actual 6/30/2023 Net Pension Liability	Difference
			Total Inflows	Total Outflows	Deferred Investment Experience	Deferred Changes in Assumptions	Deferred Inflows Expected vs Actual Experience	Deferred Outflows Expected vs Actual Experience	Deferred Outflows Changes in Assumptions	Deferred Outflows Investment Experience					
55390	Town of Parksley	176,135	91,618	113,682	61,078	—	19,674	—	—	45,169	24,373	24,312	118,549	118,549	—
55391	Town of Onancock	73,205	343,942	227,045	189,622	—	87,391	—	—	145,841	(105,762)	68,451	(115,283)	(115,283)	—
55392	Town of Victoria	(136,030)	272,234	237,017	167,578	—	108,607	16,018	6,664	128,202	(34,513)	44,280	(304,907)	(304,907)	—
55393	Town of Shenandoah	592,412	369,342	250,273	207,226	—	191,221	—	—	150,689	(35,535)	385,502	42,686	42,686	—
55394	Town of Gate City	(131,026)	247,669	173,897	160,312	—	66,517	—	—	124,959	(152,705)	24,783	(336,612)	(336,612)	—
55395	Town of Round Hill	(54,343)	272,791	328,620	181,860	—	33,166	40,161	—	139,938	100,678	71,723	(116,144)	(116,144)	—
55396	Town of Kilmarnock	(732,352)	465,164	347,906	277,826	—	77,971	5,359	2,184	213,200	(11,989)	34,606	(796,743)	(796,743)	—
55397	Town of Orange	1,956,400	1,090,359	806,718	697,071	—	232,179	—	—	541,990	17,936	444,350	1,426,367	1,426,367	—
55398	Town of Saltville	271,515	326,803	187,927	165,205	—	31,053	—	—	126,565	(48,519)	99,937	192,242	192,242	—
55399	Town of Blackstone	(79,804)	1,101,736	1,030,139	734,490	—	164,304	57,621	—	564,510	145,464	239,401	(378,807)	(378,807)	—
55401	Southeastern Virginia Public Service Authority	(7,987,976)	6,457,988	4,291,714	4,089,726	—	—	13,232	—	3,085,973	(1,177,144)	—	(7,989,367)	(7,989,367)	—
55402	Pittsylvania Co Service Authority	(227,471)	371,741	355,719	159,029	—	61,402	100,821	8,134	117,876	(43,742)	—	(248,791)	(248,791)	—
55403	Rappahannock Area Office on Youth Services and Group Home Commission	(349,164)	136,044	90,677	83,189	—	23,006	—	—	64,334	(29,434)	2,336	(377,428)	(377,428)	—
55404	Appomattox Regional Library	(381,090)	416,400	267,012	240,708	—	145,508	—	—	184,328	(152,243)	21,560	(607,393)	(607,393)	—
55405	Staunton Redevelopment & Housing Authority	(361,500)	271,041	161,253	145,769	—	45,218	—	—	112,333	(99,682)	—	(430,048)	(430,048)	—
55406	Hampton Newport News Community Services Board	(17,067,787)	11,006,715	7,517,031	6,584,937	—	940,542	—	—	5,057,653	(2,335,517)	190,395	(18,571,841)	(18,571,841)	—
55408	C P Jones Memorial Library	153,523	48,462	48,990	32,308	—	—	8,670	—	24,529	33,347	16,615	170,618	170,618	—
55409	Southside Regional Juvenile Group Home	(304,128)	111,629	78,210	74,419	—	—	—	—	56,252	(11,992)	—	(300,868)	(300,868)	—

Virginia Retirement System

Finance Division

Analysis of Political Subdivision Employer Change in Net Pension Liability

For the Plan Year Ended and Measurement Date of June 30, 2023

Employer Code	Entity	6/30/2022 Net Pension Liability	PLUS: FY 2022		LESS: FY 2022		LESS: FY 2023		PLUS: FY 2023		PLUS: FY 2023 Employer Pension Expense	LESS: FY 2023 Employer Contributions	Calculated 6/30/2023 Net Pension Liability	Actual 6/30/2023 Net Pension Liability	Difference
			Total Deferred Inflows	Total Deferred Outflows	Deferred Investment Experience	Deferred Changes in Assumptions	Deferred Inflows Expected vs Actual Experience	Deferred Outflows Expected vs Actual Experience	Deferred Outflows Changes in Assumptions	Deferred Outflows Investment Experience					
55411	Hampton Roads Sanitation District	18,336,517	26,925,403	22,801,278	17,644,546	—	169,190	7,482,793	1,416,507	13,414,259	5,238,917	3,591,837	28,607,545	28,607,545	—
55412	Peninsula Airport Commission	(762,213)	1,024,134	683,953	641,672	—	13,101	230,835	—	491,124	124,114	97,277	(328,009)	(328,009)	—
55413	Richmond Redevelopment & Housing Authority	3,122,025	7,344,676	4,915,507	4,715,423	—	592,480	—	—	3,538,484	(1,563,134)	698,065	1,520,576	1,520,576	—
55415	Chesapeake Redevelopment & Housing Authority	(1,946,944)	1,436,105	944,465	896,690	—	—	101,773	—	678,231	(231,828)	—	(1,803,818)	(1,803,818)	—
55416	Alexandria Sanitation Authority	4,530,655	5,420,014	4,148,649	3,613,343	—	—	900,140	—	2,696,948	1,180,141	685,493	6,280,413	6,280,413	—
55417	Norfolk Airport Authority	3,632,540	7,097,864	4,778,589	3,903,516	—	382,957	672,618	—	2,988,187	946,958	1,831,950	4,441,155	4,441,155	—
55418	Charlottesville Redevelopment/Housing Authority	(1,682,460)	450,720	315,062	300,480	—	11,952	—	—	226,414	(208,056)	—	(1,840,876)	(1,840,876)	—
55419	Hampton Redevelopment & Housing Authority	1,021,932	1,990,995	1,396,013	1,228,760	—	23,607	32,303	—	933,003	64,434	267,195	1,127,092	1,127,092	—
55420	Loudoun County Sanitation Authority	3,786,770	8,078,559	7,493,255	4,816,396	—	544,995	1,030,914	657,036	3,716,573	1,440,786	1,473,732	4,382,260	4,382,260	—
55421	Danville Redevelopment & Housing Authority	(2,465,166)	1,366,653	707,734	621,526	—	163,134	525,711	3,497	474,544	(146,395)	—	(1,733,550)	(1,733,550)	—
55422	Blacksburg-Christiansburg-VPI Water Authority	2,796,127	449,967	532,076	281,600	—	3,015	375,036	83,151	208,182	321,118	271,180	3,145,710	3,145,710	—
55423	Northern Virginia Juvenile Detention Home	(852,548)	1,940,806	1,383,986	1,293,870	—	21,586	—	—	977,367	(231,157)	69,334	(934,308)	(934,308)	—
55424	Hopewell Redevelopment & Housing Authority	(649,002)	649,672	408,168	392,535	—	72,492	—	—	293,395	(581,246)	—	(1,160,376)	(1,160,376)	—
55425	Colonial Behavioral Health	(2,882,868)	3,976,369	2,817,712	2,533,151	—	37,379	737,661	—	1,929,398	597,979	342,033	(1,371,736)	(1,371,736)	—
55426	Blacksburg-VPI Sanitation Authority	(1,006,652)	1,090,895	744,419	639,307	—	49,346	—	8,163	487,865	(193,916)	—	(1,046,717)	(1,046,717)	—
55427	Potomac River Fisheries Commission	161,370	175,618	156,817	117,078	—	—	69,409	—	88,344	80,976	39,400	262,422	262,422	—

Virginia Retirement System

Finance Division

Analysis of Political Subdivision Employer Change in Net Pension Liability

For the Plan Year Ended and Measurement Date of June 30, 2023

Employer Code	Entity	6/30/2022 Net Pension Liability	PLUS: FY 2022		LESS: FY 2023		PLUS: FY 2023		PLUS: FY 2023		PLUS: FY 2023 Employer Pension Expense	LESS: FY 2023 Employer Contributions	Calculated 6/30/2023 Net Pension Liability	Actual 6/30/2023 Net Pension Liability	Difference
			Total Deferred Inflows	Total Deferred Outflows	Deferred Investment Experience	Deferred Changes in Assumptions	Deferred Inflows Expected vs Actual Experience	Deferred Outflows Expected vs Actual Experience	Deferred Outflows Changes in Assumptions	Deferred Outflows Investment Experience					
55428	Chesapeake Bay Bridge Tunnel	13,051,028	4,535,760	3,871,087	2,947,736	—	47,787	491,078	—	2,247,360	1,636,047	1,319,675	13,774,988	13,774,988	—
55429	Alexandria Redevelopment & Housing Authority	(829,068)	2,166,015	1,598,242	1,279,958	—	263,299	—	20,619	974,745	(131,798)	156,756	(1,097,742)	(1,097,742)	—
55430	Albemarle County Service Authority	2,454,029	1,965,262	2,025,455	1,307,248	—	702	573,955	15,768	1,013,530	737,409	395,860	3,030,688	3,030,688	—
55431	Franklin Redevelopment & Housing Authority	(805,353)	155,734	110,892	103,823	—	—	—	—	79,331	(123,736)	—	(908,739)	(908,739)	—
55432	Bristol Redevelopment & Housing Authority	225,941	436,343	319,601	262,559	—	101,229	—	—	201,249	(53,407)	71,277	55,460	55,460	—
55433	Norfolk Redevelopment & Housing Authority	10,897,672	10,712,878	7,415,989	6,743,892	—	209,277	—	—	5,040,199	(131,481)	1,297,857	10,852,253	10,852,253	—
55435	Richmond Metropolitan Authority	(3,614,413)	2,981,934	1,853,009	1,591,592	—	86,879	211,218	—	1,204,585	(568,049)	—	(3,316,205)	(3,316,205)	—
55436	Riverside Regional Jail	(11,004,889)	8,533,044	5,570,353	4,612,120	—	147,897	1,291,227	—	3,555,465	567,318	880,888	(8,269,093)	(8,269,093)	—
55437	Peninsula Ports Authority	(1,492,101)	200,783	141,813	133,855	—	—	—	—	101,823	(168,968)	—	(1,634,131)	(1,634,131)	—
55439	Rappahannock Rapidan Planning District Comm.	(501,905)	203,536	134,015	126,111	—	16,971	—	—	96,446	(69,908)	—	(548,928)	(548,928)	—
55440	Shenandoah Valley Juvenile Detention Home Comm	388,603	692,550	480,378	456,098	—	139,057	—	—	346,670	(283,449)	130,300	(61,459)	(61,459)	—
55442	Southside Regional Library Board	(59,593)	163,767	113,669	109,178	—	—	—	—	81,651	(205,433)	—	(242,455)	(242,455)	—
55443	Bedford Public Library	(252,555)	365,361	322,992	239,531	—	—	61,861	—	181,663	33,916	24,931	(197,208)	(197,208)	—
55444	Eastern Shore Economic Development Commission	(604,252)	59,414	42,587	39,610	—	—	—	—	30,560	(46,890)	—	(643,365)	(643,365)	—
55445	Chesterfield County Health Center Commission	(4,816,034)	2,411,916	1,675,983	1,586,856	—	—	—	—	1,203,831	(402,989)	—	(4,866,115)	(4,866,115)	—
55446	Washington County Service Authority	(1,401,423)	2,480,697	1,631,903	1,192,698	—	406,617	263,966	107,939	911,482	(111,953)	83,343	(1,063,853)	(1,063,853)	—

Virginia Retirement System
Finance Division
Analysis of Political Subdivision Employer Change in Net Pension Liability
For the Plan Year Ended and Measurement Date of June 30, 2023

Employer Code	Entity	6/30/2022 Net Pension Liability	PLUS: FY 2022		LESS: FY 2023		PLUS: FY 2023		PLUS: FY 2023		PLUS: FY 2023 Employer Pension Expense	LESS: FY 2023 Employer Contributions	Calculated 6/30/2023 Net Pension Liability	Actual 6/30/2023 Net Pension Liability	Difference
			Total Deferred Inflows	Total Deferred Outflows	Deferred Investment Experience	Deferred Changes in Assumptions	Deferred Inflows Expected vs Actual Experience	Deferred Outflows Expected vs Actual Experience	Deferred Outflows Changes in Assumptions	Deferred Outflows Investment Experience					
55447	Rappahannock Area Community Services Board	(6,886,300)	5,603,545	4,324,218	3,730,918	—	805,674	8,596	—	2,886,178	(641,753)	474,723	(8,365,267)	(8,365,267)	—
55449	Hampton Roads Planning District Commission	1,994,964	1,808,707	1,471,888	1,205,805	—	—	54,116	—	917,196	291,655	349,716	2,039,229	2,039,229	—
55450	Meherrin Regional Library	(183,814)	240,006	154,481	145,562	—	11,068	—	—	110,715	(73,347)	5,283	(222,834)	(222,834)	—
55451	New River Valley Planning District Commission	43,292	342,135	276,564	222,956	—	3,493	46,426	—	173,526	111,909	71,929	142,346	142,346	—
55452	Northern Virginia Health Care Center	(6,115,432)	3,604,713	2,512,253	2,300,620	—	7,871	54,311	—	1,758,567	(403,222)	136,564	(6,058,371)	(6,058,371)	—
55453	Rockbridge Area Community Services Board	(1,679,705)	1,915,032	1,353,179	1,254,105	—	211,313	—	—	959,440	(416,109)	75,366	(2,115,305)	(2,115,305)	—
55454	Greensville-Emporia Social Services	1,258,811	705,167	531,219	470,111	—	147,121	—	—	353,801	(55,909)	139,047	974,372	974,372	—
55455	James City County Service Authority	1,002,620	2,236,936	2,226,928	1,478,958	—	—	417,364	—	1,136,472	617,716	340,978	1,364,244	1,364,244	—
55456	Accomack/Norhampton Planning District	(231,537)	558,215	376,748	323,496	—	15,898	—	—	242,822	(65,057)	16,473	(228,172)	(228,172)	—
55457	Harrisonburg/Rockingham Regional Sewage Auth	296,904	873,605	724,176	575,786	—	4,912	335,634	—	437,050	269,272	98,776	808,815	808,815	—
55458	Wytheville Redevelopment & Housing Authority	295,428	251,899	225,610	167,932	—	—	15,103	—	129,705	66,490	53,181	311,902	311,902	—
55459	Waynesboro Redevelopment & Housing Authority	169,493	521,271	480,669	344,690	—	—	41,204	—	261,266	95,423	53,146	210,152	210,152	—
55460	Region Ten Community Services Board	(10,474,961)	7,255,699	5,274,206	4,837,133	—	—	32,283	—	3,699,796	(451,056)	281,599	(10,331,177)	(10,331,177)	—
55462	Lenowisco Planning District Commission	512,189	454,950	313,709	303,300	—	—	5,474	—	226,645	181,047	50,861	712,435	712,435	—
55465	Rivanna Water & Sewer Authority	2,108,079	3,097,307	2,057,364	1,694,798	—	216,410	318,887	—	1,290,479	264,999	509,360	2,601,819	2,601,819	—

Virginia Retirement System

Finance Division

Analysis of Political Subdivision Employer Change in Net Pension Liability

For the Plan Year Ended and Measurement Date of June 30, 2023

Employer Code	Entity	6/30/2022 Net Pension Liability	PLUS: FY 2022		LESS: FY 2022		LESS: FY 2023		PLUS: FY 2023		PLUS: FY 2023 Employer Pension Expense	LESS: FY 2023 Employer Contributions	Calculated 6/30/2023 Net Pension Liability	Actual 6/30/2023 Net Pension Liability	Difference
			Total Deferred Inflows	Total Deferred Outflows	Deferred Investment Experience	Deferred Changes in Assumptions	Deferred Inflows Expected vs Actual Experience	Deferred Outflows Expected vs Actual Experience	Deferred Outflows Changes in Assumptions	Deferred Outflows Investment Experience					
55466	Appomattox River Water Authority	(1,738,602)	1,210,369	589,583	494,699	—	333,564	—	10,876	377,711	(439,672)	—	(1,997,164)	(1,997,164)	—
55467	Campbell County Utility Service Authority	1,101,260	596,110	762,794	397,406	—	—	404,532	22,010	295,677	378,470	164,981	1,472,878	1,472,878	—
55469	Eastern Shore Community Services Board	408,314	2,413,788	1,772,884	1,521,394	—	285,358	—	—	1,153,148	(238,548)	246,125	(89,059)	(89,059)	—
55470	Anchor Commission	(1,805,289)	423,933	292,503	278,095	—	1,056	—	—	210,142	(213,500)	—	(1,956,368)	(1,956,368)	—
55471	Central Virginia Community Services Board	(15,359,612)	8,393,967	5,867,386	5,307,804	—	1,531,407	—	—	4,055,650	(2,833,864)	155,763	(18,606,219)	(18,606,219)	—
55472	District 19 Community Services Board	(4,683,264)	4,725,858	3,243,677	3,070,024	—	436,956	—	—	2,334,193	(992,949)	213,581	(5,580,400)	(5,580,400)	—
55473	Hampton Roads Transit	(6,004,562)	5,919,930	4,446,012	3,808,012	—	39,847	554,862	—	2,924,515	218,381	595,367	(5,276,112)	(5,276,112)	—
55474	Upper Occoquan Sewage Authority	4,048,595	7,816,347	5,902,665	4,852,016	—	82,117	1,191,704	101,490	3,698,857	694,774	1,025,980	5,688,989	5,688,989	—
55475	New River Valley Juvenile Detention Home	(707,170)	420,306	310,408	280,204	—	—	24,445	—	211,147	(18,847)	—	(660,731)	(660,731)	—
55476	Rockbridge Regional Library	298,962	254,575	237,734	169,717	—	—	54,045	—	129,684	110,175	69,285	370,705	370,705	—
55477	Frederick County Sanitation Authority	158,923	1,396,229	1,306,296	897,351	—	32,770	316,256	101,379	690,732	327,174	247,945	506,331	506,331	—
55478	Western Tidewater Community Services Board	(4,689,768)	5,586,984	4,044,489	3,425,554	—	1,409,875	—	—	2,639,021	(769,900)	615,603	(6,729,184)	(6,729,184)	—
55479	Cumberland Mountain Community Services Board	6,118,011	4,721,358	4,725,076	3,060,880	—	53,475	813,710	253,905	2,347,435	1,312,543	970,644	6,756,887	6,756,887	—
55480	Fredericksburg-Stafford Park Authority	(2,340,841)	246,583	176,365	164,388	—	—	—	—	126,570	(248,398)	—	(2,556,839)	(2,556,839)	—
55482	Middle Peninsula/Northern Neck Comm Svcs Bd	(9,139,828)	5,650,287	3,629,915	3,278,844	—	796,211	—	—	2,495,170	(1,811,222)	—	(10,510,563)	(10,510,563)	—

Virginia Retirement System

Finance Division

Analysis of Political Subdivision Employer Change in Net Pension Liability

For the Plan Year Ended and Measurement Date of June 30, 2023

Employer Code	Entity	6/30/2022 Net Pension Liability	PLUS: FY 2022		LESS: FY 2022		LESS: FY 2023		PLUS: FY 2023		PLUS: FY 2023 Employer Pension Expense	LESS: FY 2023 Employer Contributions	Calculated 6/30/2023 Net Pension Liability	Actual 6/30/2023 Net Pension Liability	Difference
			Total Deferred Inflows	Total Deferred Outflows	Deferred Investment Experience	Deferred Changes in Assumptions	Deferred Inflows Expected vs Actual Experience	Deferred Outflows Expected vs Actual Experience	Deferred Outflows Changes in Assumptions	Deferred Outflows Investment Experience					
55483	Rockbridge County Public Service Authority	53,970	219,957	241,574	146,638	—	—	38,305	8,575	110,925	53,603	25,915	71,208	71,208	—
55484	Danville-Pittsylvania Community Services Board	(4,834,225)	4,322,562	3,157,530	2,648,641	—	301,016	—	41,213	2,027,587	(346,160)	190,985	(5,087,195)	(5,087,195)	—
55485	Crater Juvenile Detention Home Commission	29,823	775,254	516,442	466,752	—	214,918	—	—	356,199	(286,020)	93,598	(416,454)	(416,454)	—
55486	Hampton Roads Workforce Council	(3,674,104)	1,181,893	742,831	692,005	—	29,690	167,129	—	534,858	(222,273)	—	(3,477,023)	(3,477,023)	—
55487	Capital Regional Airport Commission	1,032,834	4,723,985	3,441,171	2,950,912	—	53,050	78,427	—	2,256,323	190,495	888,832	948,099	948,099	—
55488	Northwestern Community Services Board	(1,642,505)	3,284,735	2,324,818	2,039,908	—	648,485	—	—	1,566,617	(590,665)	332,777	(2,727,806)	(2,727,806)	—
55489	Harrisonburg/Rockingham Community Services Bd	(2,013,361)	2,748,859	2,201,727	1,831,980	—	827,670	7,671	—	1,399,501	(337,090)	266,938	(3,322,735)	(3,322,735)	—
55490	Upper Valley Regional Park Authority	95,021	1,569	—	2,116	—	—	—	—	—	3,624	—	98,098	98,098	—
55491	Middle Peninsula Regional Security Center	(969,511)	1,704,172	1,469,425	1,068,386	—	—	340,661	—	827,576	647,410	573,017	(560,520)	(560,520)	—
55492	Northern Neck Planning District Commission	(292,600)	209,133	156,705	139,422	—	40,865	—	—	106,493	(90,725)	9,355	(414,046)	(414,046)	—
55493	Planning District 1 Behavioral Health Services Board	(1,404,901)	358,800	158,167	146,925	—	45,872	—	—	113,104	(300,717)	—	(1,584,678)	(1,584,678)	—
55494	Rockbridge Area Social Services Board	(841,663)	677,197	422,032	386,853	—	10,520	25,920	—	292,201	(115,305)	4,309	(785,364)	(785,364)	—
55495	Dinwiddie County Water Authority	(474,094)	315,432	234,381	210,288	—	—	170,782	—	162,779	74,234	—	(195,536)	(195,536)	—
55496	Rappahannock/Rapidan Community Services Board	(11,695,314)	5,626,985	3,686,865	3,255,214	—	274,614	—	—	2,472,359	(1,295,750)	—	(12,108,413)	(12,108,413)	—

Virginia Retirement System

Finance Division

Analysis of Political Subdivision Employer Change in Net Pension Liability

For the Plan Year Ended and Measurement Date of June 30, 2023

Employer Code	Entity	6/30/2022 Net Pension Liability	PLUS: FY 2022		LESS: FY 2022		LESS: FY 2023		PLUS: FY 2023		PLUS: FY 2023 Employer Pension Expense	LESS: FY 2023 Employer Contributions	Calculated 6/30/2023 Net Pension Liability	Actual 6/30/2023 Net Pension Liability	Difference
			Total Deferred Inflows	Total Deferred Outflows	Deferred Investment Experience	Deferred Changes in Assumptions	Deferred Inflows Expected vs Actual Experience	Deferred Outflows Expected vs Actual Experience	Deferred Outflows Changes in Assumptions	Deferred Outflows Investment Experience					
55498	Valley Community Services Board	(6,075,823)	4,437,734	2,863,088	2,702,954	—	140,602	—	—	2,058,088	(1,117,636)	49,543	(6,453,824)	(6,453,824)	—
55499	Eastern Shore Public Library	67,309	133,275	126,453	88,850	—	—	39,648	—	66,903	51,519	24,642	118,709	118,709	—
55500	Alexandria City School Board	(10,978,540)	6,992,509	4,445,221	3,896,494	—	304,633	—	—	2,950,362	(1,497,319)	—	(11,179,336)	(11,179,336)	—
55501	Albemarle County Schools	(2,648,580)	4,323,804	2,893,095	2,510,000	—	142,772	684,092	—	1,922,550	145,767	333,588	(1,451,822)	(1,451,822)	—
55502	Alleghany County School Board	(574,856)	1,318,296	1,048,590	903,600	—	—	1,977,285	—	617,408	(1,729,851)	140,776	(484,684)	(484,684)	—
55503	Charlottesville Public Schools	(2,059,153)	1,440,069	975,196	878,676	—	1,438	51,580	—	663,292	(204,721)	—	(1,964,243)	(1,964,243)	—
55504	Amherst County School Board	(1,842,526)	1,280,377	950,250	823,631	—	67,019	—	—	630,714	(116,153)	41,423	(1,929,911)	(1,929,911)	—
55505	Appomattox County School Board	(381,783)	418,566	322,075	279,044	—	6,253	6,229	—	211,862	(27,460)	22,514	(402,472)	(402,472)	—
55506	Arlington County Schools	1,607,156	6,610,694	6,090,091	4,354,573	—	9,068	3,594,834	340,063	3,389,207	2,584,885	1,512,619	6,160,488	6,160,488	—
55507	Augusta County School Board	(354)	1,544,980	1,120,000	987,576	—	19,630	—	—	754,572	(18,116)	160,151	(6,275)	(6,275)	—
55508	Bath County School Board	(175,982)	531,275	391,399	329,967	—	128,389	4,580	—	249,307	(148,864)	16,128	(405,567)	(405,567)	—
55509	Bedford County School Board	(1,781,581)	3,033,540	2,146,342	1,975,488	—	3,619	301,736	—	1,498,730	170,387	261,111	(1,163,748)	(1,163,748)	—
55510	Bland County School Board	(155,202)	248,677	157,491	150,807	—	—	15,053	—	113,553	(17,476)	11,035	(114,728)	(114,728)	—
55511	Botetourt County School Board	410,740	1,702,094	987,809	935,170	—	—	220,868	—	708,380	65,087	249,927	934,263	934,263	—
55512	Norfolk Public Schools	2,049,457	11,057,891	7,748,824	6,822,394	—	146,127	1,007,604	—	5,167,911	451,896	1,024,787	3,992,627	3,992,627	—
55513	Petersburg Public Schools	(1,955,479)	2,013,708	1,136,630	1,051,964	—	173,051	—	—	791,024	(636,822)	14,698	(2,163,912)	(2,163,912)	—
55514	Buckingham County School Board	(405,602)	481,974	369,774	314,817	—	189,698	3,597	—	240,086	(198,879)	23,290	(776,403)	(776,403)	—
55515	Radford City School Board	(52,464)	221,801	193,597	147,868	—	—	1,424	—	110,317	32,667	24,012	(51,732)	(51,732)	—
55516	Caroline County School Board	(548,290)	719,740	490,666	439,574	—	16,667	48,083	—	334,932	(9,215)	60,220	(461,877)	(461,877)	—
55517	Carroll County School Board	(436,028)	1,326,768	974,207	845,372	—	12,842	57,387	—	638,213	32,470	94,402	(308,013)	(308,013)	—
55518	Charles City County School Board	(721,857)	233,237	162,730	154,844	—	—	23,690	—	116,869	(16,576)	—	(682,211)	(682,211)	—

Virginia Retirement System

Finance Division

Analysis of Political Subdivision Employer Change in Net Pension Liability

For the Plan Year Ended and Measurement Date of June 30, 2023

Employer Code	Entity	LESS: FY 2023 PLUS: FY 2023											Calculated 6/30/2023 Net Pension Liability	Actual 6/30/2023 Net Pension Liability	Difference
		6/30/2022 Net Pension Liability	PLUS: FY 2022 Total Deferred Inflows	LESS: FY 2022 Total Deferred Outflows	LESS: FY 2023 Deferred Investment Experience	LESS: FY 2023 Deferred Changes in Assumptions	Deferred Inflows Expected vs Actual Experience	Deferred Outflows Expected vs Actual Experience	PLUS: FY 2023 Deferred Outflows Changes in Assumptions	PLUS: FY 2023 Deferred Investment Experience	PLUS: FY 2023 Employer Pension Expense	LESS: FY 2023 Employer Contributions			
55519	Charlotte County School Board	(740,480)	472,556	297,046	289,470	—	—	14,002	—	213,529	(96,339)	—	(723,248)	(723,248)	—
55520	Chesterfield County School Board	7,527,866	13,580,238	8,413,002	7,954,857	—	—	698,365	—	6,009,329	(484,494)	2,102,424	8,861,021	8,861,021	—
55521	Clarke County School Board	(384,789)	456,055	309,851	296,371	—	32,755	—	—	223,184	(123,973)	18,980	(487,480)	(487,480)	—
55522	Winchester Public Schools	(1,171,957)	1,393,423	831,179	691,671	—	108,108	21,912	880	531,562	(132,950)	135,028	(1,123,116)	(1,123,116)	—
55523	Culpeper County School Board	(3,155,210)	1,922,586	1,404,825	1,234,172	—	35,830	—	—	939,887	(169,561)	48,917	(3,186,042)	(3,186,042)	—
55524	Cumberland County School Board	(847,294)	430,721	316,081	283,325	—	5	1,440	—	216,177	(51,596)	—	(849,963)	(849,963)	—
55525	Dickenson County School Board	6,868,690	715,965	453,978	424,317	—	—	69,006	—	320,996	456,708	597,823	6,955,247	6,955,247	—
55526	Dinwiddie County Public Schools	(732,767)	1,097,014	693,059	628,500	—	141,564	—	—	481,131	(276,065)	72,337	(966,147)	(966,147)	—
55528	Essex County School Board	59,931	545,157	354,803	339,629	—	701	4,634	—	255,697	(59,590)	56,189	54,507	54,507	—
55530	Covington School Board	208,937	454,292	205,532	195,213	—	—	—	—	217,514	(479,998)	—	—	—	—
55531	Floyd County School Board	1,314,590	926,205	534,043	499,652	—	—	66,614	—	379,965	(15,802)	213,080	1,424,797	1,424,797	—
55532	Fluvanna County Public Schools	(989,629)	1,105,565	705,186	602,241	—	123,121	—	—	462,910	(184,441)	44,845	(1,080,988)	(1,080,988)	—
55533	Chesapeake Public Schools	14,101,373	11,407,443	9,040,854	7,446,587	—	—	1,464,351	—	5,652,594	2,601,293	2,569,577	16,170,036	16,170,036	—
55534	Virginia Beach City School Board	9,472,799	29,121,739	19,853,513	17,545,259	—	446,267	2,269,737	—	13,327,721	1,005,529	4,068,854	13,283,632	13,283,632	—
55535	Giles County Schools	88,707	552,844	387,582	367,618	—	46,764	—	—	278,670	(99,660)	37,066	(18,469)	(18,469)	—
55536	Gloucester County School Board	(286,145)	2,742,311	1,858,890	1,545,315	—	95,394	26,385	—	1,167,805	(191,516)	203,766	(244,525)	(244,525)	—
55537	Goochland County School Board	(36,050)	612,991	381,789	358,167	—	190,588	—	—	273,770	(129,319)	91,635	(300,787)	(300,787)	—
55538	Grayson County School Board	401,938	674,746	497,120	449,830	—	17,337	—	—	337,772	8,500	93,350	365,319	365,319	—
55539	Greene County Schools	255,527	1,193,883	841,043	715,846	—	11,904	102,867	—	544,882	53,838	145,661	436,543	436,543	—
55540	Greensville County School Board	(659,049)	826,929	481,950	460,712	—	—	13,907	—	346,358	(169,335)	24,354	(608,206)	(608,206)	—

Virginia Retirement System

Finance Division

Analysis of Political Subdivision Employer Change in Net Pension Liability

For the Plan Year Ended and Measurement Date of June 30, 2023

Employer Code	Entity	6/30/2022 Net Pension Liability	PLUS: FY 2022		LESS: FY 2022		LESS: FY 2023		PLUS: FY 2023		PLUS: FY 2023 Employer Pension Expense	LESS: FY 2023 Employer Contributions	Calculated 6/30/2023 Net Pension Liability	Actual 6/30/2023 Net Pension Liability	Difference
			Total Deferred Inflows	Total Deferred Outflows	Deferred Investment Experience	Deferred Changes in Assumptions	Deferred Inflows Expected vs Actual Experience	Deferred Outflows Expected vs Actual Experience							
55541	Halifax County School Board	(279,114)	1,525,695	1,037,108	997,087	—	—	110,013	—	744,040	237,166	64,577	239,028	239,028	—
55542	Hanover County School Board	(5,777,600)	3,854,868	2,440,963	2,282,106	—	—	217,995	—	1,730,371	(574,389)	2,427	(5,274,251)	(5,274,251)	—
55543	Henrico County Schools	3,346,528	555,131	383,083	370,088	—	—	—	—	274,758	(558,175)	246,434	2,618,637	2,618,637	—
55544	Henry County Public Schools	567,065	2,358,668	1,480,905	1,386,650	—	88,085	—	—	1,025,038	(332,107)	166,012	497,012	497,012	—
55545	Highland County Public Schools	552,088	105,393	128,169	70,262	—	8,146	—	—	53,250	78,728	60,558	522,324	522,324	—
55546	Isle of Wight County Schools	(388,271)	836,609	540,609	508,367	—	—	103,754	—	388,658	110,695	124,493	(122,024)	(122,024)	—
55548	King George County School Board	174,119	1,200,846	836,935	686,026	—	78,114	116,336	—	530,754	148,922	233,632	336,270	336,270	—
55549	King & Queen County School Board	(996,157)	461,723	300,879	271,936	—	42,744	—	—	207,032	(136,992)	—	(1,079,953)	(1,079,953)	—
55550	King William County Schools	(883,191)	702,016	375,563	311,857	—	146,035	—	11,695	238,603	(161,232)	23,056	(948,620)	(948,620)	—
55551	Lancaster County School Board	46,384	452,672	317,363	283,531	—	—	33,343	—	217,767	39,319	66,254	122,337	122,337	—
55552	Lee County School Board	6,847,023	1,122,810	676,416	639,727	—	158,114	—	—	484,553	55,414	685,151	6,350,392	6,350,392	—
55553	Loudoun County School Board	15,324,762	20,324,273	20,088,043	13,549,516	—	—	8,334,855	924,026	10,525,007	10,022,809	6,098,659	25,719,514	25,719,514	—
55554	Louisa County Public Schools	(2,293,206)	2,053,900	1,484,133	1,309,596	—	1,128	333,634	—	1,000,889	48,590	68,077	(1,719,127)	(1,719,127)	—
55555	Lunenburg County School Board	(433,786)	353,961	282,199	235,974	—	49,351	1,716	—	178,996	(50,625)	—	(517,262)	(517,262)	—
55556	Madison County School Board	(1,036,472)	552,886	376,986	342,243	—	6,166	85,516	—	259,529	(26,527)	—	(890,463)	(890,463)	—
55557	Mathews County School Board	698,823	461,064	305,437	276,276	—	154,744	—	—	211,544	(151,191)	105,834	377,949	377,949	—
55558	Mecklenburg County Schools	383,355	676,298	444,993	421,624	—	28,108	—	—	318,624	(37,076)	152,820	293,656	293,656	—
55559	Middlesex County School Board	518,917	308,779	248,867	205,852	—	58,560	—	—	153,225	(141,219)	98,996	227,427	227,427	—
55560	Montgomery County School Board	2,630,165	2,805,001	1,864,527	1,766,770	—	—	288,787	—	1,338,975	283,175	445,070	3,269,736	3,269,736	—
55562	Nelson County Public Schools	113,720	903,544	716,988	602,362	—	—	140,759	—	454,105	173,382	113,807	352,353	352,353	—
55563	New Kent County Schools	57,440	682,399	463,810	443,334	—	—	5,244	—	333,830	(12,916)	107,659	51,194	51,194	—

Virginia Retirement System

Finance Division

Analysis of Political Subdivision Employer Change in Net Pension Liability

For the Plan Year Ended and Measurement Date of June 30, 2023

Employer Code	Entity	6/30/2022 Net Pension Liability	PLUS: FY 2022		LESS: FY 2023		PLUS: FY 2023		PLUS: FY 2023		PLUS: FY 2023 Employer Pension Expense	LESS: FY 2023 Employer Contributions	Calculated 6/30/2023 Net Pension Liability	Actual 6/30/2023 Net Pension Liability	Difference
			Total Inflows	Total Outflows	Deferred Inflows Investment Experience	Deferred Inflows Changes in Assumptions	Deferred Outflows Expected vs Actual Experience	Deferred Outflows Expected vs Actual Experience	Deferred Outflows Changes in Assumptions	Deferred Outflows Investment Experience					
55565	Northampton County Schools	(364,275)	464,878	359,677	299,576	—	—	51,327	—	225,856	36,088	32,731	(278,110)	(278,110)	—
55566	Northumberland Co School Board	719,765	441,872	313,254	294,581	—	41,052	—	—	219,111	(64,533)	71,287	596,041	596,041	—
55567	Nottoway County School Board	(497,967)	777,846	578,945	501,042	—	—	116,409	—	378,259	29,535	4,935	(280,840)	(280,840)	—
55568	Orange County Public Schools	(1,626,672)	1,390,961	1,054,722	874,048	—	—	416,132	—	660,460	278,896	59,551	(868,544)	(868,544)	—
55569	Page County Public Schools	107,189	995,765	693,253	630,986	—	1,439	46,425	—	479,464	5,624	152,955	155,834	155,834	—
55570	Patrick County Public Schools	(104,404)	906,112	645,095	587,360	—	5,015	126,061	—	440,988	132,057	133,687	129,657	129,657	—
55571	Pittsylvania County School Board	(213,720)	1,851,789	1,192,809	1,114,542	—	5,207	164,631	—	845,792	(10,284)	201,791	123,859	123,859	—
55572	Powhatan County School Board	(806,696)	1,193,326	836,627	717,032	—	27,725	145,123	—	546,233	45,794	71,196	(528,800)	(528,800)	—
55573	Prince Edward County Schools	(558,869)	579,776	342,195	324,323	—	—	55,570	—	245,790	(90,508)	—	(434,759)	(434,759)	—
55574	Prince George County School Board	85,297	2,685,278	1,676,065	1,399,168	—	161,507	273,554	—	1,063,854	16,371	306,496	581,118	581,118	—
55576	Prince William County Schools	3,665,049	25,921,727	22,804,683	17,223,009	—	—	5,028,600	731,772	13,190,052	5,345,673	3,836,381	10,018,800	10,018,800	—
55577	Pulaski County School Board	(672,414)	1,441,583	944,932	896,811	—	—	108,262	—	680,069	(24,251)	98,322	(406,816)	(406,816)	—
55578	Rappahannock County Schools	(217,590)	445,770	240,718	212,404	—	86,977	—	—	163,925	(108,124)	23,624	(279,742)	(279,742)	—
55579	Richmond County Public Schools	(131,325)	100,583	70,492	67,056	—	—	—	—	50,652	40,102	356	(77,892)	(77,892)	—
55580	Roanoke County School Board	(2,996,020)	3,827,818	2,658,152	2,551,878	—	—	—	—	1,908,308	353,544	22,602	(2,138,982)	(2,138,982)	—
55581	Rockbridge County Schools	(681,063)	919,821	624,142	596,612	—	18,153	—	—	448,602	(194,366)	39,356	(785,269)	(785,269)	—
55582	Rockingham County School Board	(1,590,638)	4,556,482	3,443,089	2,911,584	—	50,706	385,787	—	2,201,944	342,782	462,418	(971,440)	(971,440)	—
55583	Russell County School Board	6,821,641	1,420,311	1,330,767	913,694	—	—	450,117	—	689,943	1,003,184	621,698	7,519,037	7,519,037	—
55584	Scott County Schools	(300,299)	1,188,790	1,061,093	777,438	—	—	138,852	23,531	593,427	100,816	94,995	(188,409)	(188,409)	—
55585	Shenandoah County School Board	(216,018)	1,747,637	1,215,747	1,123,128	—	97,755	—	—	848,375	(175,337)	248,662	(480,635)	(480,635)	—

Virginia Retirement System

Finance Division

Analysis of Political Subdivision Employer Change in Net Pension Liability

For the Plan Year Ended and Measurement Date of June 30, 2023

Employer Code	Entity	6/30/2022 Net Pension Liability	PLUS: FY 2022		LESS: FY 2023		PLUS: FY 2023		PLUS: FY 2023		PLUS: FY 2023 Employer Pension Expense	LESS: FY 2023 Employer Contributions	Calculated 6/30/2023 Net Pension Liability	Actual 6/30/2023 Net Pension Liability	Difference
			Total Deferred Inflows	Total Deferred Outflows	Deferred Investment Experience	Deferred Changes in Assumptions	Deferred Inflows Expected vs Actual Experience	Deferred Outflows Expected vs Actual Experience	Deferred Outflows Changes in Assumptions	Deferred Outflows Investment Experience					
55586	Smyth County School Board	484,929	1,730,051	1,078,831	948,447	—	107,735	—	—	713,447	(242,250)	185,693	365,471	365,471	—
55587	Southampton County School Board	(1,216,676)	645,269	434,609	414,306	—	121,798	—	—	311,473	(303,152)	—	(1,533,799)	(1,533,799)	—
55588	Spotsylvania County School Board	(1,133,771)	4,622,329	3,143,386	2,606,232	—	280,872	75,739	—	1,987,675	62,729	631,213	(1,047,002)	(1,047,002)	—
55589	Stafford County Schools	2,346,294	3,714,745	3,527,699	2,476,496	—	—	851,278	—	1,900,540	1,706,895	987,403	3,528,154	3,528,154	—
55590	Surry County Public Schools	555,906	697,587	448,243	423,578	—	48,711	—	—	321,663	(105,258)	107,312	442,054	442,054	—
55591	Sussex County School Board	(500,921)	486,691	392,863	324,461	—	157,325	7,791	—	246,704	(174,191)	25,238	(833,813)	(833,813)	—
55592	Tazewell County Schools	5,372,322	2,564,561	1,770,178	1,642,712	—	9,958	364,313	—	1,235,145	579,248	629,516	6,063,225	6,063,225	—
55593	Warren County School Board	(1,010,525)	1,196,927	822,596	790,004	—	—	—	—	591,707	(163,102)	42,870	(1,040,463)	(1,040,463)	—
55595	Washington County School Board	343,107	1,711,046	1,114,216	1,041,243	—	—	41,302	—	784,448	(105,775)	195,962	422,707	422,707	—
55596	Westmoreland County School Board	368,510	569,147	341,424	321,929	—	76,573	—	—	244,905	(318,657)	86,761	37,218	37,218	—
55597	Wise County Schools	3,984,766	1,046,285	763,854	697,523	—	—	32,622	—	523,489	333,821	372,196	4,087,410	4,087,410	—
55598	Wythe County School Board	503,607	708,392	563,200	472,261	—	2,434	—	—	354,886	101,130	143,433	486,687	486,687	—
55599	York County School Board	(1,017,763)	3,461,333	2,286,627	2,072,305	—	32,080	503,190	—	1,580,465	277,600	337,518	76,295	76,295	—
55600	Accomack County School Board	(1,633,162)	1,704,143	1,244,117	1,094,784	—	144,981	—	—	833,671	(221,048)	61,356	(1,861,634)	(1,861,634)	—
55601	Bristol Virginia School System	387,001	342,670	228,544	186,760	—	52,777	—	—	141,053	23,718	87,228	339,133	339,133	—
55602	Buena Vista City Public Schools	(331,173)	209,930	144,382	137,802	—	—	2,672	—	103,501	(16,272)	6,376	(319,902)	(319,902)	—
55603	Amelia County Public Schools	(532,420)	590,322	339,806	324,117	—	37,556	—	—	244,347	(258,239)	11,202	(668,671)	(668,671)	—
55605	Danville School Board	(923,614)	1,274,954	864,396	702,809	—	156,502	—	12,653	530,656	(263,045)	389,222	(1,481,325)	(1,481,325)	—
55606	Franklin City Public Schools	(697,617)	305,090	180,503	163,019	—	9,586	—	—	123,786	(102,984)	—	(724,833)	(724,833)	—
55607	Lexington City Public Schools	(282,657)	58,802	41,181	39,201	—	—	—	—	29,539	(31,892)	—	(306,590)	(306,590)	—
55608	Harrisonburg City School Board	(810,493)	1,046,666	933,607	697,777	—	—	116,328	—	529,753	151,500	102,837	(700,467)	(700,467)	—

Virginia Retirement System

Finance Division

Analysis of Political Subdivision Employer Change in Net Pension Liability

For the Plan Year Ended and Measurement Date of June 30, 2023

Employer Code	Entity	6/30/2022 Net Pension Liability	PLUS: FY 2022		LESS: FY 2022		LESS: FY 2023		PLUS: FY 2023		PLUS: FY 2023 Employer Pension Expense	LESS: FY 2023 Employer Contributions	Calculated 6/30/2023 Net Pension Liability	Actual 6/30/2023 Net Pension Liability	Difference
			Total Deferred Inflows	Total Deferred Outflows	Deferred Investment Experience	Deferred Changes in Assumptions	Deferred Inflows Expected vs Actual Experience	Deferred Outflows Expected vs Actual Experience	Deferred Outflows Changes in Assumptions	Deferred Outflows Investment Experience					
55609	Hopewell Public Schools	1,137,990	1,094,183	716,573	573,607	—	85,816	175,787	—	435,289	244,989	248,785	1,463,457	1,463,457	—
55610	Lynchburg School Board	(910,604)	2,228,776	1,427,074	1,289,388	—	80,318	18,173	—	979,021	(197,775)	187,018	(866,207)	(866,207)	—
55611	Fauquier County School Board	(3,258,106)	3,926,158	2,609,513	2,291,678	—	117,543	188,256	—	1,748,469	(189,818)	331,159	(2,934,934)	(2,934,934)	—
55612	Brunswick County Public Schools	(560,297)	743,897	551,238	450,643	—	6,176	92,449	—	339,137	94,770	17,359	(315,460)	(315,460)	—
55613	P D Pruden Vocational-Technical Center	—	—	1,582	—	—	—	—	—	1,582	—	—	—	—	—
55614	Portsmouth School Board	6,032,517	4,180,989	2,815,049	2,537,096	—	527,473	—	—	1,911,168	(463,921)	836,530	4,944,605	4,944,605	—
55615	Campbell County School Board	(472,905)	1,745,700	1,182,077	1,078,646	—	14,478	246,048	—	810,459	152,787	188,366	18,522	18,522	—
55616	Richmond City Schools	(900,420)	6,735,691	5,034,740	4,397,525	—	—	1,587,714	—	3,332,715	1,479,979	616,013	2,187,401	2,187,401	—
55617	Roanoke City Schools	(1,422,568)	584,205	533,681	377,918	—	—	198,890	—	297,492	234,334	144,691	(1,163,937)	(1,163,937)	—
55619	Staunton City School Board	234,635	493,245	365,474	328,830	—	—	78,088	—	248,777	125,839	111,350	374,930	374,930	—
55620	Suffolk City School Board	(2,253,379)	3,991,261	2,761,335	2,370,722	—	93,901	1,297,073	—	1,818,549	622,726	356,879	(106,607)	(106,607)	—
55622	Craig County School Board	18,119	281,949	178,654	153,833	—	89,273	—	—	115,966	(110,779)	20,242	(136,747)	(136,747)	—
55623	Martinsville City School Board	1,684,863	284,236	192,193	189,490	—	—	—	—	136,870	71,607	193,300	1,602,593	1,602,593	—
55624	Appomattox Regional Governor's School	(9,997)	35,916	36,257	21,806	—	1,941	43,056	2,668	16,634	24,139	8,933	43,479	43,479	—
55625	Colonial Heights City Schools	(509,046)	680,872	473,709	419,334	—	12,742	10,108	—	318,648	(27,280)	28,958	(461,441)	(461,441)	—
55632	City of Manassas School Board	(883,823)	2,514,758	1,692,834	1,468,248	—	87,648	423,006	—	1,117,572	104,524	159,245	(131,938)	(131,938)	—
55633	Franklin County Schools	642,825	2,704,876	2,061,044	1,745,149	—	6,895	104,348	—	1,332,386	252,234	395,197	828,384	828,384	—
55634	Frederick County School Board	(2,459,412)	3,720,683	2,663,208	2,276,704	—	122,331	186,565	—	1,747,524	98,361	431,679	(2,200,201)	(2,200,201)	—
55635	City of Salem Schools	(909,597)	687,032	538,279	458,022	—	—	28,010	—	344,426	30,592	17,162	(833,000)	(833,000)	—
55636	Manassas Park City Schools	(1,001,805)	526,185	432,856	348,726	—	268,562	9,699	—	266,205	(167,141)	—	(1,417,001)	(1,417,001)	—
55637	Newport News Public Schools	(2,247,906)	1,060,485	724,755	608,786	14,032	42,770	281,092	—	488,225	398,581	482,897	(1,892,763)	(1,892,763)	—

Virginia Retirement System

Finance Division

Analysis of Political Subdivision Employer Change in Net Pension Liability

For the Plan Year Ended and Measurement Date of June 30, 2023

Employer Code	Entity	6/30/2022 Net Pension Liability	PLUS: FY 2022		LESS: FY 2022		LESS: FY 2023		PLUS: FY 2023		PLUS: FY 2023 Employer Pension Expense	LESS: FY 2023 Employer Contributions	Calculated 6/30/2023 Net Pension Liability	Actual 6/30/2023 Net Pension Liability	Difference
			Total Deferred Inflows	Total Deferred Outflows	Deferred Investment Experience	Deferred Changes in Assumptions	Deferred Inflows Expected vs Actual Experience	Deferred Outflows Expected vs Actual Experience	Deferred Outflows Changes in Assumptions	Deferred Outflows Investment Experience					
55638	Town of West Point Public Schools	59,339	23,251	81,181	15,501	—	19,888	37,352	3,613	16,107	38,348	23,071	38,369	38,369	—
55708	Waynesboro City Schools	(359,707)	489,649	342,566	324,533	—	570	64,120	—	245,990	33,144	21,349	(215,822)	(215,822)	—
55710	Valley Vocational-Technical Center	(169,679)	67,947	31,315	29,492	—	1,958	1,018	—	22,549	(30,495)	—	(171,425)	(171,425)	—
55711	New Horizons Technical Center	353,449	102,574	84,640	68,382	—	17,388	—	—	53,430	19,173	48,523	309,693	309,693	—
55713	Galax City Schools	(248,188)	326,281	202,018	178,770	—	143,640	—	—	134,433	(113,051)	12,726	(437,679)	(437,679)	—
55714	Norton City Schools	(758,098)	254,861	177,882	168,829	—	—	20,120	—	127,639	(28,488)	—	(730,677)	(730,677)	—
55802	Williamsburg-James City County Schools	(1,976,129)	2,628,356	2,279,109	1,752,237	—	—	309,002	—	1,337,096	458,823	206,293	(1,480,491)	(1,480,491)	—
55803	Poquoson City School Board	119,255	312,594	194,202	171,213	—	49,439	—	—	129,114	(107,918)	47,425	(9,234)	(9,234)	—
55806	Fredericksburg City Public Schools	(675,450)	712,600	567,798	451,592	—	155,950	—	20,356	345,724	(78,201)	56,745	(907,056)	(907,056)	—
55807	Hampton City Schools	78,615	3,562,711	2,175,116	2,079,054	—	—	178,418	—	1,564,083	(172,475)	248,288	708,894	708,894	—
55813	Buchanan County School Board	7,037,375	1,691,370	856,820	813,236	—	—	76,850	—	615,050	26,001	753,442	7,023,148	7,023,148	—
55814	Jackson River Vocational Technical Center	(2,026)	38,924	25,999	24,730	—	—	—	—	27,151	(13,320)	—	—	—	—
55815	Northern Neck Regional Vocational Center	5,683	23,851	18,484	13,911	—	6,054	55	1,020	10,877	(2,801)	1,718	(1,482)	(1,482)	—
55851	Rapidan Service Authority	—	—	—	6,967	—	—	—	—	—	598,073	399,454	191,652	191,652	—
55852	Virginia Dare Soil and Water Conservation District	—	—	—	694	—	—	—	—	—	56,828	38,196	17,938	17,938	—
55853	Northern Neck Soil and Water Conservation District	62,996	—	13,911	—	—	—	—	—	10,626	4,018	4,658	59,071	59,071	—
55854	Orange County Broadband Authority	(25,075)	—	3,812	418	—	—	—	—	2,859	20,298	38,330	(44,478)	(44,478)	—

Virginia Retirement System

Finance Division

Analysis of Political Subdivision Employer Change in Net Pension Liability

For the Plan Year Ended and Measurement Date of June 30, 2023

Employer Code	Entity	6/30/2022 Net Pension Liability	PLUS: FY 2022		LESS: FY 2023		LESS: FY 2023		PLUS: FY 2023		PLUS: FY 2023 Employer Pension Expense	LESS: FY 2023 Employer Contributions	Calculated 6/30/2023 Net Pension Liability	Actual 6/30/2023 Net Pension Liability	Difference
			Total Deferred Inflows	Total Deferred Outflows	Deferred Investment Experience	Deferred Changes in Assumptions	Deferred Inflows Expected vs Actual Experience	Deferred Outflows Expected vs Actual Experience	Deferred Outflows Changes in Assumptions	Deferred Outflows Investment Experience					
55855	Northern Virginia Soil and Water Conservation District	48,832	—	3,336	48	—	—	—	—	2,502	13,717	1,701	59,966	59,966	—
55856	Blue Ridge Resource Authority	(40,087)	17,914	33,414	11,942	—	—	58,049	—	18,580	21,300	21,734	8,666	8,666	—
55857	Peanut Soil and Water Conservation District	(7,385)	68,493	12,616	12,991	20,221	21,047	18,847	—	9,565	(8,943)	4,778	8,924	8,924	—
55858	Peumansend Creek Jail Authority	(608,156)	620,024	270,221	139,869	—	621,830	771	56,105	143,613	544,122	801,291	(1,076,732)	(1,076,732)	—
55859	Williamsburg Area Transit Authority	(98,502)	256,247	167,817	131,113	—	29,339	37,607	3,706	106,528	111,201	98,132	(9,614)	(9,614)	—
55860	Middle Peninsula Juvenile Detention Commission	249,628	366,291	344,282	242,804	—	99,012	10,392	—	194,847	76,472	162,419	49,113	49,113	—
55861	Breaks Interstate Park	16,069	136,682	424,356	36,333	15,387	49,695	297,826	—	28,923	89,272	30,087	12,914	12,914	—
55862	Crater Criminal Justice Training Academy	(39,416)	33,700	24,467	8,964	1,096	40,691	9,832	635	7,643	(7,298)	9,322	(79,444)	(79,444)	—
55863	Central Shenandoah Criminal Justice Training Academy	(105,814)	43,134	25,882	19,186	1,173	9,640	9,422	1,567	16,538	22,491	27,036	(95,579)	(95,579)	—
55864	New River Valley Emergency Communications Regional Authority	(345,051)	140,991	123,135	65,705	3,843	14,335	20,843	1,439	54,385	32,444	53,802	(355,769)	(355,769)	—
55865	Maury Service Authority	(286,188)	160,392	89,499	48,845	—	66,513	5,651	5,232	40,331	18,714	51,972	(312,697)	(312,697)	—
55866	Hampton Roads Transportation Accountability Commission	(100,179)	89,107	39,691	23,703	2,016	51,927	3,269	2,001	20,536	41,523	52,703	(113,783)	(113,783)	—
55867	Pamunkey Regional Library	(32,728)	744,888	711,515	406,867	—	16,528	200,363	10,024	312,955	94,847	107,829	87,610	87,610	—
55868	Northern Va Transit Authority	(17,302)	113,339	145,195	66,649	—	8,213	38,634	18,546	55,495	89,709	105,669	(27,305)	(27,305)	—
55869	RSW Regional Jail Authority	(2,372,590)	1,514,935	914,319	476,844	—	1,202,079	2,748	148,553	392,899	30,815	569,084	(3,444,966)	(3,444,966)	—
55870	Bedford Regional Water Authority	410,881	692,872	811,794	461,914	—	—	215,389	53,070	364,988	371,386	276,482	558,396	558,396	—

Virginia Retirement System

Finance Division

Analysis of Political Subdivision Employer Change in Net Pension Liability

For the Plan Year Ended and Measurement Date of June 30, 2023

Employer Code	Entity	6/30/2022 Net Pension Liability	PLUS: FY 2022		LESS: FY 2022		LESS: FY 2023		PLUS: FY 2023		PLUS: FY 2023 Employer Pension Expense	LESS: FY 2023 Employer Contributions	Calculated 6/30/2023 Net Pension Liability	Actual 6/30/2023 Net Pension Liability	Difference
			Total Deferred Inflows	Total Deferred Outflows	Deferred Investment Experience	Deferred Changes in Assumptions	Deferred Inflows Expected vs Actual Experience	Deferred Outflows Expected vs Actual Experience	Deferred Outflows Changes in Assumptions	Deferred Outflows Investment Experience					
55871	Portsmouth Redevelopment and Housing Authority	1,015,645	386,567	273,273	197,634	—	219,055	—	—	161,344	53,405	244,979	682,020	682,020	—
55872	Southwest Regn Recreation Auth	(142,885)	51,878	30,409	18,604	1,019	30,025	1,582	324	14,664	(7,447)	16,530	(178,471)	(178,471)	—
55873	Roanoke Redevelopment and Housing Authority	(783,051)	484,908	342,305	302,486	—	12,182	—	—	237,490	6,535	108,566	(819,657)	(819,657)	—
55874	Meherrin River Regnl Jail Auth	(4,207,727)	2,266,103	968,593	740,410	—	785,635	—	36,572	590,501	(655,576)	406,391	(4,871,156)	(4,871,156)	—
55875	Woodway Water Authority	(65,062)	54,575	47,335	14,007	—	37,801	12,927	9,907	11,369	(2,010)	4,133	(81,570)	(81,570)	—
55876	Bristol Virginia Utilities Authority	(4,402,875)	1,776,033	1,234,869	914,344	—	48,096	335,626	79,104	704,144	(149,108)	—	(3,854,385)	(3,854,385)	—
55877	Washington Metro Area Transit Commission	(578,461)	810,494	134,631	69,100	—	549,080	49,985	8,483	55,157	(167,727)	—	(574,880)	(574,880)	—
55878	Mt Rogers Community Services Board	1,109,877	7,019,789	5,289,463	3,768,144	—	1,209,525	127,757	538,664	2,950,123	268,602	1,502,481	245,199	245,199	—
55879	Lonesome Pine Soil & Water Conservation District	15,509	14,870	24,806	5,382	151	5,852	13,282	7,182	4,355	6,922	4,608	21,321	21,321	—
55880	Big Sandy Soil & Water & Conservation District	(20,336)	22,746	18,181	8,564	3,452	63,550	5,541	1,238	7,193	(21,446)	1,580	(100,391)	(100,391)	—
55881	Virginia's Region 2000 Local Government Council	(1,501,469)	622,152	405,177	333,501	—	52,244	53,408	1,525	260,380	(51,863)	27,408	(1,434,197)	(1,434,197)	—
55882	Middle Peninsula Planning District Commission	42,116	116,852	91,364	70,344	—	4,934	19,002	—	53,954	22,096	11,739	75,639	75,639	—
55883	Western Virginia Regional Jail Authority	(7,497,433)	4,182,999	2,788,749	1,741,909	—	1,470,966	—	538,674	1,374,392	171,314	872,936	(8,104,614)	(8,104,614)	—
55884	Halifax Service Authority	(174,032)	391,099	343,878	223,267	—	49,118	4,499	9,053	171,446	98,960	96,448	(211,686)	(211,686)	—
55886	Russell County Public Service Authority	45,986	135,207	240,476	71,988	1,496	60,476	112,391	11,546	57,511	56,816	41,809	3,212	3,212	—

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Finance Division
Analysis of Political Subdivision Employer Change in Net Pension Liability
For the Plan Year Ended and Measurement Date of June 30, 2023

Employer Code	Entity	6/30/2022 Net Pension Liability	PLUS: FY 2022		LESS: FY 2023		PLUS: FY 2023		PLUS: FY 2023		PLUS: FY 2023 Employer Pension Expense	LESS: FY 2023 Employer Contributions	Calculated 6/30/2023 Net Pension Liability	Actual 6/30/2023 Net Pension Liability	Difference
			Total Inflows	Total Outflows	Deferred Inflows Investment Experience	Deferred Inflows Changes in Assumptions	Deferred Outflows Expected vs Actual Experience	Deferred Outflows Expected vs Actual Experience	Deferred Outflows Changes in Assumptions	Deferred Outflows Investment Experience					
55887	Piedmont Community Services Board	(2,267,263)	2,330,415	2,201,434	1,536,916	—	9,898	211,943	72,758	1,208,221	370,730	548,516	(2,369,960)	(2,369,960)	—
55888	Blue Ridge Behavioral Healthcare	(8,731,859)	3,430,664	2,526,738	2,254,977	—	308,577	—	—	1,742,322	(657,310)	108,868	(9,415,343)	(9,415,343)	—
55889	Skyline Soil & Water Conservation District	179,950	72,691	62,750	41,135	—	5,295	23,039	—	32,801	33,754	21,813	211,242	211,242	—
55890	Middle River Regional Jail Authority	(7,910,335)	4,841,159	2,401,653	1,632,136	—	2,166,679	—	335,700	1,292,464	(685,037)	823,551	(9,150,068)	(9,150,068)	—
55891	Tidewater Soil & Water Conservation District	509	26,614	16,958	15,462	—	14,624	—	—	12,106	(16,172)	5,925	(29,912)	(29,912)	—
55892	Big Stone Gap Redevelopment And Housing Authority	86,752	82,511	98,363	52,840	—	19,792	7,079	3,717	41,684	43,629	30,039	64,338	64,338	—
55893	Eastern Shore Soil & Water Conservation District	(62,085)	62,948	54,993	37,349	—	198	11,037	1,204	28,909	19,171	9,915	(41,271)	(41,271)	—
55894	Town of Boykins	(113,794)	43,453	29,012	11,172	—	8,462	9,578	40	8,847	(22,829)	—	(123,351)	(123,351)	—
55895	Town of Gordonsville	(244,273)	352,519	166,784	137,942	—	26,915	206,248	—	105,761	144,852	90,719	142,747	142,747	—
55896	Virginia Resources Authority	(476,752)	417,046	248,291	196,025	549	122,121	7,319	—	155,605	(82,426)	63,616	(609,810)	(609,810)	—
55897	Prince William County Service Authority	(3,237,019)	6,996,166	5,809,047	4,192,500	—	406,168	1,499,432	296,970	3,262,167	1,537,966	1,293,359	(1,345,392)	(1,345,392)	—
55898	Western Virginia Water Authority	(1,456,111)	2,420,090	2,071,056	1,503,863	—	88,366	1,038,699	42,569	1,177,854	860,823	519,058	(98,419)	(98,419)	—
55899	Shenandoah Valley Regional Airport Commission	485,769	270,281	480,535	166,230	6,539	4,726	420,048	73,891	131,196	152,493	65,360	810,288	810,288	—
55900	Alleghany Highlands Community Services Board	(207,941)	1,128,454	908,736	752,302	—	144,908	8,576	—	580,195	(60,370)	163,033	(520,065)	(520,065)	—
55901	Brunswick Industrial Development Authority	(28,032)	54,239	38,208	35,526	—	108,843	—	—	27,344	(59,705)	13,769	(202,500)	(202,500)	—

Virginia Retirement System

Finance Division

Analysis of Political Subdivision Employer Change in Net Pension Liability

For the Plan Year Ended and Measurement Date of June 30, 2023

Employer Code	Entity	6/30/2022 Net Pension Liability	PLUS: FY 2022		LESS: FY 2023		PLUS: FY 2023		PLUS: FY 2023		PLUS: FY 2023 Employer Pension Expense	LESS: FY 2023 Employer Contributions	Calculated 6/30/2023 Net Pension Liability	Actual 6/30/2023 Net Pension Liability	Difference
			Total Deferred Inflows	Total Deferred Outflows	Deferred Investment Experience	Deferred Changes in Assumptions	Deferred Inflows Expected vs Actual Experience	Deferred Outflows Expected vs Actual Experience	Deferred Outflows Changes in Assumptions	Deferred Outflows Investment Experience					
55902	Northern Neck/Essex County Group Home Comm	(122,864)	104,741	71,770	69,828	—	—	—	—	51,638	(15,715)	—	(123,798)	(123,798)	—
55904	Appalachian Juvenile Commission	962,759	796,913	612,486	468,595	—	49,626	331,248	17,528	357,709	274,402	182,525	1,427,327	1,427,327	—
55905	Goochland/Powhatan Community Services Board	(1,682,632)	1,289,635	857,392	767,662	—	148,955	—	—	585,540	(254,552)	49,600	(1,885,618)	(1,885,618)	—
55906	Suffolk Redevelopment & Housing Authority	(1,681,250)	655,224	444,411	420,454	—	—	23,844	—	319,701	(63,586)	—	(1,610,932)	(1,610,932)	—
55908	Lee County Redevelopment & Housing Authority	349,587	212,500	151,509	137,490	—	2,249	91,847	—	101,539	94,335	43,772	514,788	514,788	—
55909	Henry County Public Service Authority	899,146	1,530,959	1,283,845	994,814	—	—	28,504	—	758,724	151,140	204,789	885,025	885,025	—
55910	Southside Planning District Commission	1,078,861	345,208	234,318	216,648	—	—	33,998	—	167,484	77,377	111,160	1,140,802	1,140,802	—
55911	Economic Development Authority - Henrico Co	(100,122)	357,010	237,445	204,693	—	1,494	245,518	—	156,307	137,084	62,518	289,647	289,647	—
55912	Augusta County Service Authority	(103,108)	2,709,610	2,023,341	1,467,564	—	272,947	549,132	74,972	1,126,307	344,040	323,859	613,242	613,242	—
55914	Rappahannock Juvenile Center	113,421	1,215,163	1,022,944	810,109	—	—	286,332	—	616,126	391,253	180,006	609,236	609,236	—
55915	Cumberland Plateau Regional Housing Authority	(418,575)	403,148	311,275	212,676	—	36,599	30,107	9,002	162,084	(24,592)	—	(399,376)	(399,376)	—
55918	Amherst County Service Authority	145,465	778,477	535,743	450,154	—	23,589	230,191	—	345,388	109,298	85,851	513,482	513,482	—
55919	Pepper's Ferry Regional Wastewater Authority	870,587	453,117	393,077	286,875	—	7,801	168,855	—	220,386	285,596	161,892	1,148,896	1,148,896	—
55920	Rappahannock Regional Jail	(2,555,285)	6,205,599	4,852,327	3,907,933	—	1,025,989	—	—	3,014,803	380,004	1,619,763	(4,360,891)	(4,360,891)	—
55921	Thomas Jefferson Planning District Commission	(474,726)	279,918	180,988	170,850	—	58,229	—	—	130,417	(192,759)	—	(667,217)	(667,217)	—

Virginia Retirement System

Finance Division

Analysis of Political Subdivision Employer Change in Net Pension Liability

For the Plan Year Ended and Measurement Date of June 30, 2023

Employer Code	Entity	6/30/2022 Net Pension Liability	PLUS: FY 2022		LESS: FY 2023		PLUS: FY 2023		PLUS: FY 2023		PLUS: FY 2023 Employer Pension Expense	LESS: FY 2023 Employer Contributions	Calculated 6/30/2023 Net Pension Liability	Actual 6/30/2023 Net Pension Liability	Difference
			Total Deferred Inflows	Total Deferred Outflows	Deferred Investment Experience	Deferred Changes in Assumptions	Deferred Inflows Expected vs Actual Experience	Deferred Outflows Expected vs Actual Experience	Deferred Outflows Changes in Assumptions	Deferred Outflows Investment Experience					
55922	Piedmont Regional Jail	1,199,396	2,230,056	1,447,505	1,248,945	—	10,006	—	—	952,372	209,187	718,532	1,166,023	1,166,023	—
55923	Nelson County Service Authority	(577,601)	493,452	415,814	321,261	—	20,874	24,037	5,989	246,108	(25,386)	—	(591,350)	(591,350)	—
55924	Coeburn-Norton-Wise Water Treatment Authority	(98,872)	418,310	279,335	192,606	4,809	55,714	35,415	32,904	148,661	(51,088)	12,177	(59,311)	(59,311)	—
55925	Fauquier County Water & Sanitation Authority	(267,547)	1,276,845	1,013,550	685,363	—	147,739	95,731	28,753	534,524	114,587	152,772	(216,531)	(216,531)	—
55926	Scott County Soil & Water Conservation District	85,909	51,405	67,632	34,270	—	7,381	8,274	—	26,727	19,179	11,019	71,192	71,192	—
55927	New River Resource Authority	502,463	403,704	494,674	257,819	—	345	288,888	39,142	201,457	211,480	95,558	798,738	798,738	—
55928	Scott County Water & Sewerage Authority	604,720	394,713	597,260	223,071	—	4,453	239,101	23,642	174,147	267,870	124,393	755,016	755,016	—
55929	Greensville County Water & Sewer Authority	909,077	587,353	857,749	391,568	—	378,617	176,109	22,562	300,805	125,395	131,319	362,048	362,048	—
55930	Petersburg Redevelopment & Housing Authority	20,819	712,737	474,355	434,098	—	109,605	—	—	330,371	(130,354)	80,993	(165,478)	(165,478)	—
55931	Central Rappahannock Regional Library	2,560,855	2,358,379	2,434,368	1,517,005	—	49,320	320,908	117,115	1,159,060	752,292	457,950	2,809,966	2,809,966	—
55932	Virginia Coalfield Economic Development Auth	326,143	182,594	224,071	121,730	—	—	35,511	19,577	94,418	54,871	34,233	333,080	333,080	—
55933	Central Virginia Regional Jail	(890,007)	2,701,887	1,792,902	1,359,982	—	1,053,738	—	88,491	1,057,088	29,707	861,216	(2,080,672)	(2,080,672)	—
55934	Thomas Jefferson Soil & Water Conservation Dist	55,452	123,591	84,748	73,603	—	12,461	—	—	55,920	(19,955)	22,982	21,214	21,214	—
55936	Commonwealth Regional Council	366,110	155,320	131,106	103,546	—	—	18,849	—	78,858	60,129	48,350	396,264	396,264	—
55937	Wythe-Grayson Regional Library	(307,383)	190,596	126,856	112,330	—	2,995	12,447	—	86,621	(27,864)	1,116	(288,880)	(288,880)	—
55938	Colonial Soil & Water Conservation District	81,851	110,114	61,878	55,486	—	41,030	—	—	42,356	(38,160)	20,314	17,453	17,453	—

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For the Plan Year Ended and Measurement Date of June 30, 2023

Employer Code	Entity	6/30/2022 Net Pension Liability	PLUS: FY 2022		LESS: FY 2023		PLUS: FY 2023		PLUS: FY 2023		PLUS: FY 2023 Employer Pension Expense	LESS: FY 2023 Employer Contributions	Calculated 6/30/2023 Net Pension Liability	Actual 6/30/2023 Net Pension Liability	Difference
			Total Deferred Inflows	Total Deferred Outflows	Deferred Investment Experience	Deferred Changes in Assumptions	Deferred Inflows Expected vs Actual Experience	Deferred Outflows Expected vs Actual Experience	Deferred Outflows Changes in Assumptions	Deferred Outflows Investment Experience					
55939	Rivanna Solid Waste Authority	(269,499)	532,645	230,155	203,830	—	132,439	—	—	156,111	(150,475)	40,375	(338,017)	(338,017)	—
55940	Monacan Soil & Water Conservation District	347,393	107,416	159,380	59,194	—	4,931	34,654	5,954	45,989	93,167	52,856	358,212	358,212	—
55941	Robert E Lee Soil & Water Conservation District	(36,730)	63,800	40,749	39,117	—	45,850	—	—	29,405	(65,935)	5,777	(140,953)	(140,953)	—
55942	Tri-County/City Soil & Water Conservation Dist	(17,391)	70,563	84,099	47,042	—	3,963	2,658	—	34,828	(39,025)	5,390	(88,861)	(88,861)	—
55944	Central Virginia Waste Management Authority	113,569	254,606	171,520	160,575	—	29,474	—	—	122,676	(21,322)	47,896	60,064	60,064	—
55945	Lonesome Pine Regional Library	261,625	661,632	446,578	416,582	—	61,640	—	—	316,965	(143,087)	66,072	106,263	106,263	—
55946	Virginia Peninsulas Public Service Authority	(635,000)	721,635	541,665	471,058	—	—	99,659	—	359,771	75,001	46,990	(438,647)	(438,647)	—
55947	Tidewater Youth Services Commission	(1,028,934)	1,409,605	988,126	939,332	—	—	—	—	710,510	(1,725,510)	67,070	(2,628,857)	(2,628,857)	—
55948	Virginia Highlands Airport Commission	(55,143)	125,958	98,124	53,214	2,424	21,688	26,514	—	40,884	(6,581)	—	(43,818)	(43,818)	—
55949	Western Tidewater Regional Jail	(177,528)	4,460,026	3,078,764	2,526,662	—	266,137	—	—	1,939,412	(22,728)	1,156,765	(829,146)	(829,146)	—
55950	Scott County Redevelopment & Housing Authority	639,272	155,646	101,819	93,288	—	4,886	41,645	—	70,446	67,556	95,357	679,215	679,215	—
55951	Handley Regional Library	(272,310)	414,011	355,106	250,464	—	—	34,424	—	193,451	10,102	34,705	(260,597)	(260,597)	—
55952	Northern Neck Regional Jail	(2,526,457)	2,447,952	1,452,281	1,205,167	—	964,025	—	8,031	926,025	(658,401)	293,606	(3,717,929)	(3,717,929)	—
55953	Montgomery Regional Solid Waste Authority	(175,662)	355,721	219,062	204,738	—	—	46,789	—	157,899	(2,873)	23,836	(65,762)	(65,762)	—
55954	Potomac & Rappahannock Transportation Commission	(112,758)	2,796,679	2,461,837	1,681,584	—	148,238	220,538	146,747	1,310,868	573,225	523,246	120,394	120,394	—
55955	Giles County Public Service Authority	(14,400)	257,020	150,321	137,501	—	6,235	10,627	—	106,467	(17,843)	29,327	18,487	18,487	—

Virginia Retirement System

Finance Division

Analysis of Political Subdivision Employer Change in Net Pension Liability

For the Plan Year Ended and Measurement Date of June 30, 2023

Employer Code	Entity	6/30/2022 Net Pension Liability	PLUS: FY 2022		LESS: FY 2023		PLUS: FY 2023		PLUS: FY 2023		PLUS: FY 2023 Employer Pension Expense	LESS: FY 2023 Employer Contributions	Calculated 6/30/2023 Net Pension Liability	Actual 6/30/2023 Net Pension Liability	Difference
			Total Deferred Inflows	Total Deferred Outflows	Deferred Investment Experience	Deferred Changes in Assumptions	Deferred Inflows Expected vs Actual Experience	Deferred Outflows Expected vs Actual Experience	Deferred Outflows Changes in Assumptions	Deferred Outflows Investment Experience					
55956	South Central Wastewater Authority	119,429	617,557	560,161	402,724	—	—	155,324	—	309,017	200,114	114,913	323,643	323,643	—
55957	Wise County Redevelopment & Housing Authority	478,692	685,695	444,864	390,220	—	20,132	208,026	9,675	281,620	37,496	62,292	783,696	783,696	—
55958	Prince William Soil & Water Conservation District	(219,069)	72,724	60,569	44,410	1,516	—	5,874	—	34,247	(186,520)	—	(399,239)	(399,239)	—
55959	Hampton Roads Regional Jail Authority	3,566,667	6,391,694	4,792,944	3,822,236	—	585,487	—	133,774	2,908,731	(134,671)	1,413,475	2,252,053	2,252,053	—
55960	Castlewood Water & Sewage Authority	(111,021)	85,108	58,944	56,738	—	—	—	—	42,414	(111,982)	—	(211,163)	(211,163)	—
55961	Pamunkey Regional Jail	(213,479)	3,003,330	2,362,140	1,798,758	—	629,915	43,041	—	1,394,391	70,721	988,151	(1,480,960)	(1,480,960)	—
55962	Charlottesville-Albemarle Airport Authority	1,537,402	672,024	832,460	447,308	—	632	747,817	54,389	342,784	683,674	307,710	2,449,980	2,449,980	—
55963	Virginia Peninsula Regional Jail	(5,913,721)	2,453,137	1,640,755	1,498,362	—	236,409	—	—	1,148,410	(721,155)	243,717	(6,652,572)	(6,652,572)	—
55964	Virginia Biotechnology Research Park Authority	(526,592)	375,190	208,824	183,327	—	—	197,148	—	137,127	78,867	—	(130,411)	(130,411)	—
55966	Blue Ridge Regional Jail Authority	(4,728,282)	7,181,594	5,604,105	4,223,094	—	382,236	264,310	411,909	3,266,998	1,255,345	1,937,799	(4,495,360)	(4,495,360)	—
55967	Massanutten Regional Library	(429,506)	357,290	236,020	221,606	—	8,441	2,069	—	169,386	(43,418)	18,521	(428,767)	(428,767)	—
55968	Albemarle-Charlottesville Regional Jail	641,493	3,941,862	3,646,881	2,293,655	—	211,566	1,039,935	279,562	1,769,140	1,515,711	988,335	2,047,266	2,047,266	—
55969	Culpeper Soil & Water Conservation District	(160,737)	166,638	110,538	90,389	5,908	8,704	5,956	—	71,387	(18,275)	17,110	(167,680)	(167,680)	—
55970	New River Valley Regional Jail	(8,493,075)	4,944,813	3,200,149	2,411,810	—	1,428,085	—	269,794	1,865,617	(1,093,575)	622,969	(10,169,439)	(10,169,439)	—
55971	Sussex Service Authority	(692,308)	370,711	267,804	243,499	—	34,391	—	—	185,407	(54,615)	15,251	(751,750)	(751,750)	—
55972	Big Walker Soil & Water Conservation District	110,013	35,890	123,097	20,486	3,144	885	112,010	13,598	16,370	24,788	12,204	152,853	152,853	—

Virginia Retirement System

Finance Division

Analysis of Political Subdivision Employer Change in Net Pension Liability

For the Plan Year Ended and Measurement Date of June 30, 2023

Employer Code	Entity	6/30/2022 Net Pension Liability	PLUS: FY 2022		LESS: FY 2023		PLUS: FY 2023		PLUS: FY 2023		PLUS: FY 2023 Employer Pension Expense	LESS: FY 2023 Employer Contributions	Calculated 6/30/2023 Net Pension Liability	Actual 6/30/2023 Net Pension Liability	Difference
			Total Inflows	Total Outflows	Deferred Inflows Investment Experience	Deferred Inflows Changes in Assumptions	Deferred Outflows vs Actual Experience	Deferred Outflows vs Actual Experience	Deferred Outflows Changes in Assumptions	Deferred Outflows Investment Experience					
55973	Peter Francisco Soil & Water Conservation District	40,808	40,928	50,477	23,172	641	2,699	28,504	4,245	18,270	18,691	7,694	66,763	66,763	—
55974	Peaks of Otter Soil & Water Conservation District	(109,892)	25,198	17,358	11,065	—	27,567	313	—	8,597	(19,514)	—	(151,288)	(151,288)	—
55975	New River Soil & Water Conservation District	121,961	43,473	105,550	25,996	1,353	316	81,541	11,867	20,641	30,148	12,372	164,044	164,044	—
55977	Southside Regional Jail	(212,149)	1,108,350	897,855	665,379	—	30,197	92,120	26,460	512,685	445,949	385,127	(5,143)	(5,143)	—
55978	Evergreen Soil & Water Conservation District	3,286	25,406	22,585	14,711	—	428	13,697	—	12,534	8,108	9,248	16,059	16,059	—
55979	Roanoke Higher Education Authority	(281,573)	300,699	268,105	200,407	—	37,519	16,074	992	155,019	32,206	41,554	(324,168)	(324,168)	—
55981	John Marshall Soil & Water Conservation District	(90,694)	104,467	72,787	67,107	—	13,141	—	—	52,190	(18,645)	25,211	(130,928)	(130,928)	—
55982	Daniel Boone Soil & Water Conservation District	69,502	42,792	84,158	21,334	757	7,152	56,512	14,793	16,701	17,700	8,732	95,867	95,867	—
55983	Southside Community Services Board	(1,959,468)	2,959,899	2,007,267	1,654,688	—	758,446	—	67,050	1,257,760	(500,042)	224,578	(2,819,780)	(2,819,780)	—
55984	Northern Shenandoah Valley Regional Commission	(139,827)	179,618	150,741	115,941	—	2,500	4,935	—	89,355	48,842	33,172	(119,431)	(119,431)	—
55985	Tazewell Soil & Water Conservation District	29,549	28,553	19,850	14,308	—	4,326	8,923	1,025	11,416	12,328	8,785	44,525	44,525	—
55987	Richmond Regional Planning District Committee	448,097	513,233	350,195	298,186	—	100,786	—	—	231,283	12,740	148,045	308,141	308,141	—
55988	Henricopolis Soil & Water Conservation District	(60,301)	40,569	23,373	20,919	204	30,756	97	—	16,268	(14,906)	235	(93,760)	(93,760)	—
55989	Piedmont Regional Juvenile Detention Center	(415,646)	277,058	213,211	134,538	—	66,667	17,550	19,928	105,184	(39,136)	11,015	(460,493)	(460,493)	—
55990	Roanoke River Service Authority	460	94,869	167,404	61,730	—	—	67,917	2,237	47,426	88,271	12,200	59,846	59,846	—

Virginia Retirement System

Finance Division

Analysis of Political Subdivision Employer Change in Net Pension Liability

For the Plan Year Ended and Measurement Date of June 30, 2023

Employer Code	Entity	6/30/2022 Net Pension Liability	PLUS: FY 2022		LESS: FY 2022		LESS: FY 2023		PLUS: FY 2023		PLUS: FY 2023 Employer Pension Expense	LESS: FY 2023 Employer Contributions	Calculated 6/30/2023 Net Pension Liability	Actual 6/30/2023 Net Pension Liability	Difference
			Total Deferred Inflows	Total Deferred Outflows	Deferred Investment Experience	Deferred Changes in Assumptions	Deferred Inflows Expected vs Actual Experience	Deferred Outflows Expected vs Actual Experience	Deferred Outflows Changes in Assumptions	Deferred Investment Experience					
55991	Lee County Public Service Authority	(308,019)	157,785	103,873	85,423	—	25,143	—	1,760	67,383	(8,296)	14,271	(318,097)	(318,097)	—
55992	Blue Ridge Juvenile Detention Center	(23,965)	565,190	404,364	286,617	—	57,438	—	—	223,546	(27,370)	106,893	(117,911)	(117,911)	—
55993	Ferrum Water & Sewage Authority	(11,228)	66,413	79,665	31,440	1,242	12,780	26,988	17,095	24,698	4,388	4,840	(1,613)	(1,613)	—
55994	Wise County Public Service Authority	(452,067)	362,288	330,085	178,153	—	53,778	121,289	34,267	140,645	16,160	30,913	(370,347)	(370,347)	—
55995	Holston River Soil & Water Conservation District	(40,480)	54,393	46,813	35,170	—	1,297	1,591	—	27,435	(1,317)	1,739	(43,397)	(43,397)	—
55996	New River Valley Community Services Board	(12,132,472)	6,475,641	4,690,973	4,054,498	—	1,431,199	41,769	—	3,145,655	(1,706,628)	215,122	(14,567,827)	(14,567,827)	—
55997	Institute for Advanced Learning And Research	(1,006,130)	577,469	353,604	288,556	—	184,311	361	222	228,025	(72,779)	126,297	(1,225,600)	(1,225,600)	—
55998	Southwest Virginia Regional Jail Authority	(7,618,948)	6,707,027	4,888,115	3,239,312	—	949,418	—	738,990	2,529,837	933,304	2,071,521	(7,858,156)	(7,858,156)	—
55999	Clinch Valley Soil & Water Conservation District	(94,191)	38,085	28,842	19,599	—	15,307	380	1,039	15,100	(11,401)	—	(114,736)	(114,736)	—
Total Political Subdivision		\$ 2,104,325,688	\$ 2,966,013,606	\$ 2,439,158,907	\$ 1,744,648,234	\$ 97,226	\$ 226,098,377	\$ 382,143,243	\$ 167,091,471	\$ 1,337,417,023	\$ 586,097,099	\$ 736,844,665	\$ 2,396,240,721	\$ 2,396,240,721	\$ —