



110 West Berry Street  
Suite 1300  
Fort Wayne, IN 46802

August 31, 2023

Mr. Thomas Causey  
*Executive Director*  
State of North Carolina  
Department of State Treasurer  
Retirement Systems Division  
3200 Atlantic Avenue  
Raleigh, NC 27604

**Local Governmental Employees' Retirement System  
GASB 67 Disclosures for Fiscal Year Ending June 30, 2023  
Based on Valuation Date of December 31, 2022**

Dear Mr. Causey:

We have prepared the required accounting information for Governmental Accounting Standards Board (GASB) Statement No. 67 for the North Carolina Local Governmental Employees' Retirement System for fiscal year ending June 30, 2023 based on a valuation date of December 31, 2022.

**GASB Statement No. 67**

GASB Statement No. 67 set forth certain items of information to be disclosed in the financial statements of the Plan.

1. One such item is a distribution of the number of employees by type of membership, as follows:

<b>Number of Active and Retired Participants as of 12/31/2022</b>	
Retired members and survivors of deceased members currently receiving benefits	82,466
Terminated members and survivors of deceased members entitled to benefits but not yet receiving benefits	101,818
Active members	<u>135,706</u>
Total membership	319,990

2. Following is the schedule of changes in Net Pension Liability.

<b>Schedule of Changes in Net Pension Liability as of June 30, 2023</b>	
<b>Total Pension Liability</b>	
Service Cost	\$ 917,160,000
Interest	2,312,550,000
Changes in Benefit Terms	0
Differences between Expected and Actual Experience	885,328,000
Changes of Assumptions	0
Benefits Payments, including Refund of Member Contributions	<u>(1,865,415,000)</u>
Net Change in Total Pension Liability	\$ 2,249,623,000
Total Pension Liability – Beginning of Year	\$ 35,578,561,000
Total Pension Liability – End of Year	\$ 37,828,184,000
<b>Plan Fiduciary Net Position</b>	
Employer Contributions	\$ 1,050,570,000
Member Contributions	524,830,000
Net Investment Income	1,561,729,000
Benefit Payments, including Refund of Member Contributions	(1,865,415,000)
Administrative Expenses	(6,407,000)
Other	<u>2,657,000</u>
Net Change in Plan Fiduciary Net Pension	\$ 1,267,964,000
Plan Fiduciary Net Position – Beginning of Year	\$ 29,937,133,000
Plan Fiduciary Net Position – End of Year	\$ 31,205,097,000

<b>Net Pension Liability/(Asset)</b>		
	<b>June 30, 2023</b>	<b>June 30, 2022</b>
Total Pension Liability	\$ 37,828,184,000	\$ 35,578,561,000
Plan Fiduciary Net Position	<u>31,205,097,000</u>	<u>29,937,133,000</u>
Net Pension Liability/(Asset)	\$ 6,623,087,000	\$ 5,641,428,000
Plan Fiduciary Net Pension as a Percentage of the Total Pension Liability/(Asset)	82.49%	84.14%

3. Following is the sensitivity of the net pension liability to changes in the discount rate.

<b>Sensitivity of the Net Pension Liability to Changes in Discount Rate</b>			
	<b>1% Decrease</b>	<b>Current</b>	<b>1% Increase</b>
Discount Rate	5.50%	6.50%	7.50%
Net Pension Liability/(Asset)	\$11,474,238,000	\$6,623,087,000	\$2,629,165,000

4. The discount rate used to measure the total pension liability was 6.50%. The projection of cash flows used to determine the discount rate assumed that for fiscal years ending 2023 through 2027, System contributions will follow the Employer Contribution Rate Stabilization Policy as adopted by the Board of Trustees on April 29, 2021, and amended on January 27, 2022, and “direct-rate smoothing” as adopted by the Board of Trustees on January 28, 2021. It is assumed that for fiscal years 2028 and beyond, System contributions will be based on the actuarially determined contribution rates with a minimum employer contribution rate of 6.00% of payroll in accordance with G.S. 128-30(d)(10). Investment earnings are based on actual returns through June 30, 2023, and on the assumed investment rate of return thereafter. In addition, future administrative expenses are assumed equal to 0.13% of projected pay for general employees and firefighters, but no less than a flat rate per active and in-pay general employee or firefighter member equal to \$27.00 in 2022 and increased by 2.5% per year thereafter. Based on those assumptions, the System’s fiduciary net position was projected to be available to make all projected future benefit payments of current plan members. Please see Appendix A for additional detail.
5. Methods and assumptions used to calculate the actuarially determined contribution rate are as follows.

Valuation Date	12/31/2022
Actuarial Cost Method	Entry Age
Amortization Method	Level dollar closed
Amortization Period	12-year closed period
Asset Valuation Method	Asset returns in excess of or less than the expected return on market value of assets reflected over a five-year period (not greater than 120% of market value and not less than 80% of market value)
Actuarial Assumptions:	
Investment Rate of Return*	6.50%
Projected Salary Increases**	3.25% - 8.25%
*Includes Inflation of	2.50%
**Includes Inflation and Productivity of	3.25%
Cost-of-living Adjustments	N/A

The June 30, 2023, total pension liability was determined by an actuarial valuation as of December 31, 2022, based on the assumptions adopted by the Board of Trustees on January 28, 2021, which are based on the experience study prepared as of December 31, 2019, including a discount rate of 6.50%. The economic assumptions with respect to investment yield, salary increase, and inflation have been based upon a review of the existing portfolio structure as well as recent and anticipated experience.

The plan sponsor selected the assumptions used for the accounting results in this letter. We believe that these assumptions are reasonable and comply with the Actuarial Standards of Practice ("ASOPs") 27 and 35 and the requirements of GASB Statement No. 67. We prepared this letter in accordance with the requirement of this standard.

ASOPs 27 and 35 ask the actuary to disclose the information and analysis used to support the actuary's determination that the assumptions selected by the plan sponsor do not significantly conflict with what, in the actuary's professional judgment, are reasonable for the purpose of the measurement. In the case of the plan sponsor's selection of expected return on assets ("EROA"), the signing actuaries have used economic information and tools provided by the Financial Risk Management ("FRM") practice at Buck, A Gallagher Company (Buck). A spreadsheet tool created by the FRM team converts averages, standard deviations, and correlations from Buck's Capital Markets Assumptions ("CMA") that are used for stochastic forecasting into approximate percentile ranges for the arithmetic and geometric average returns. It is intended to suggest possible reasonable ranges for EROA without attempting to predict or select a specific best estimate rate of return. It takes into account the duration (horizon) of investment and the target allocation of assets in the portfolio to various asset classes. Based on the actuary's analysis, including consistency with other assumptions used in the valuation and the percentiles generated by the spreadsheet described above, the actuary believes the EROA, in the actuary's professional judgment, is reasonable for the purpose of the measurement.

The June 30, 2023 total pension liability is based on the same plan provisions as used in the previous valuation. To the extent there have been changes to LGERS provisions enacted by the legislature, they have been reviewed with staff of the Retirement Systems Division and were not considered material to the current valuation. To the extent the legislature enacts additional legislation that has a material impact on the valuation, revised GASB 67 disclosures may be required.

Full summaries of the plan provisions used in the previous valuation and for the June 30, 2023, total pension liability were provided in October 2022 in the "Report on the Actuarial Valuation of the North Carolina Local Governmental Employees' Retirement System Prepared as of December 31, 2021".

The actuarial cost method used to develop the total pension liability is the Entry Age Normal Cost Method, as required by GASB Statement No. 67.

The results of this letter are based upon participant data supplied by the Retirement Systems Division and unaudited financial data supplied by the Financial Operations Division. Buck reviewed the data for reasonableness and consistency with data for the prior valuation but performed no audit of the data. The results of this letter are dependent on the accuracy of the data.

The primary purpose of the letter is to provide information that the Office of the State Controller (OSC) requires for its Annual Comprehensive Financial Report. This letter may also be used in conjunction with other materials for purposes of the pension plan audit. Use of the letter for any other purposes or by anyone other than OSC and its auditors may not be appropriate and may result in mistaken conclusions because of failure to understand applicable assumptions, methods, or inapplicability of the letter for that purpose. Because of the risk of misinterpretation of actuarial

results, you should ask us to review any statement you wish to make on the results contained in this report. Buck will not accept any liability for any such statement made without prior review by Buck.

Future actuarial measurements may differ significantly from current measurements due to plan experience differing from that anticipated by the economic and demographic assumptions, increases or decreases expected as part of the natural operation of the methodology used for these measurements, and changes in plan provisions or applicable law. Because of limited scope, Buck performed no analysis of the potential range of such future differences.

Actuarial Standard of Practice No. 56 ("ASOP 56") provides guidance to actuaries when performing actuarial services with respect to designing, developing, selecting, modifying, using, reviewing, or evaluating models. Buck uses third-party software in the performance of annual actuarial valuations and projections. The model is intended to calculate the liabilities associated with the provisions of the Plan using data and assumptions as of the measurement date under the accounting rules specified in this report. The output from the third-party vendor software is used as input to an internally developed model that applies applicable accounting rules to the liabilities derived and other inputs, such as Plan assets and contributions, to generate many of the exhibits found in this report. Buck has an extensive review process whereby the results of the liability calculations are checked using detailed sample output, changes from year to year are summarized by source, and significant deviations from expectations are investigated. Other accounting outputs and the internal model are similarly reviewed in detail and at a high level for accuracy, reasonability, and consistency with prior results. Buck also reviews the third-party model when significant changes are made to the software. The review is performed by experts within the company who are familiar with applicable accounting rules as well as the manner in which the model generates its output. If significant changes are made to the internal model, extra checking and review are completed. Significant changes to the internal model that are applicable to multiple clients are generally developed, checked and reviewed by multiple experts within the company who are familiar with the details of the required changes.

Where presented, references to "net pension liability" and "fiduciary net position as a percentage of the total pension liability" may be appropriate for evaluating the need and level of future contributions but makes no assessment regarding the funded status of the Fund if the Fund were to settle (i.e., purchase annuities to cover) any portion of its liabilities.

This report was prepared under our supervision and in accordance with all applicable Actuarial Standards of Practice. We are Fellows of the Society of Actuaries, Enrolled Actuaries, Members of the American Academy of Actuaries, and Fellows of the Conference of Consulting Actuaries. We meet the Qualification Standards of the American Academy of Actuaries to render the actuarial opinions contained herein. We are available to discuss this report with you at your convenience.

Please let us know if you require additional information.

Sincerely,

Buck, A Gallagher Company



Michael A. Ribble, FSA, EA, MAAA, FCA  
Principal, Retirement Actuary



Elizabeth A. Wiley, FSA, EA, MAAA, FCA  
Senior Consultant, Retirement Actuary

## Appendix A

### Table 1 – Projection of Fiduciary Net Positions

(\$ in Thousands)

Calendar Year	Beginning Fiduciary Position	Member Contributions	Employer Contributions	Benefit Payments	Administrative Expenses	Investment Earnings	Ending Fiduciary Position
2023	\$ 29,655,408	\$ 464,902	\$ 984,102	\$ 1,953,241	\$ 8,201	\$ 2,691,670	\$ 31,834,640
2024	31,834,640	440,315	990,669	2,051,354	7,729	2,049,160	33,255,701
2025	33,255,701	416,684	992,078	2,151,405	7,296	2,137,632	34,643,394
2026	34,643,394	395,547	1,020,687	2,252,443	6,918	2,224,851	36,025,118
2027	36,025,118	376,077	1,124,325	2,353,805	6,572	2,314,122	37,479,265
2028	37,479,265	357,706	1,255,485	2,462,356	6,251	2,408,789	39,032,638
2029	39,032,638	339,619	1,298,349	2,574,631	5,934	2,506,970	40,597,011
2030	40,597,011	321,994	1,246,620	2,685,158	5,621	2,602,908	42,077,754
2031	42,077,754	304,780	1,177,536	2,793,112	5,312	2,692,953	43,454,599
2032	43,454,599	288,263	1,089,924	2,896,774	5,013	2,775,811	44,706,810
2033	44,706,810	272,249	989,756	2,998,910	4,908	2,850,223	45,815,220
2034	45,815,220	256,238	917,385	3,101,840	4,886	2,916,153	46,798,270
2035	46,798,270	240,175	827,789	3,203,912	4,861	2,973,407	47,630,868
2036	47,630,868	224,496	802,552	3,302,675	4,832	3,023,058	48,373,467
2037	48,373,467	209,146	747,813	3,399,651	4,799	3,065,985	48,991,961
2038	48,991,961	193,830	639,691	3,491,774	4,761	3,099,292	49,428,239
2039	49,428,239	179,560	563,423	3,576,007	4,722	3,122,061	49,712,554
2040	49,712,554	165,964	452,953	3,654,093	4,680	3,134,076	49,806,774
2041	49,806,774	152,756	317,233	3,730,424	4,635	3,132,998	49,674,702
2042	49,674,702	139,611	233,487	3,805,998	4,585	3,118,896	49,356,113
2043	49,356,113	126,483	200,983	3,872,088	4,529	3,094,616	48,901,578
2044	48,901,578	113,664	168,096	3,927,623	4,470	3,061,833	48,313,078
2045	48,313,078	100,849	140,798	3,979,279	4,408	3,020,648	47,591,686
2046	47,591,686	88,271	116,649	4,027,455	4,344	2,971,044	46,735,851
2047	46,735,851	75,715	95,636	4,069,717	4,273	2,912,990	45,746,202
2048	45,746,202	63,293	75,231	4,102,719	4,201	2,846,561	44,624,367
2049	44,624,367	51,722	57,099	4,122,207	4,126	2,772,071	43,378,926
2050	43,378,926	41,066	42,463	4,127,928	4,048	2,690,127	42,020,606
2051	42,020,606	31,204	31,254	4,123,196	3,965	2,601,316	40,557,219
2052	40,557,219	21,404	21,404	4,095,916	3,873	2,506,444	39,006,682
2053	39,006,682	14,864	14,864	4,036,031	3,781	2,407,158	37,403,756
2054	37,403,756	10,799	10,799	3,954,017	3,687	2,305,335	35,772,985
2055	35,772,985	7,901	7,901	3,858,121	3,591	2,202,220	34,129,295
2056	34,129,295	5,810	5,810	3,752,205	3,489	2,098,637	32,483,858
2057	32,483,858	4,279	4,279	3,638,812	3,386	1,995,215	30,845,433
2058	30,845,433	3,149	3,149	3,519,913	3,281	1,892,452	29,220,989
2059	29,220,989	2,312	2,312	3,396,991	3,175	1,790,747	27,616,194
2060	27,616,194	1,694	1,694	3,271,013	3,071	1,690,429	26,035,927
2061	26,035,927	1,239	1,239	3,143,036	2,972	1,591,778	24,484,175
2062	24,484,175	903	903	3,013,960	2,876	1,495,025	22,964,170
2063	22,964,170	656	656	2,802,318	2,782	1,402,982	21,563,364
2064	21,563,364	476	476	2,676,012	2,689	1,315,961	20,201,576
2065	20,201,576	344	344	2,550,132	2,598	1,231,467	18,881,001
2066	18,881,001	247	247	2,425,070	2,506	1,149,627	17,603,546
2067	17,603,546	176	176	2,301,163	2,413	1,070,554	16,370,876
2068	16,370,876	124	124	2,178,719	2,319	994,347	15,184,433
2069	15,184,433	87	87	2,058,023	2,224	921,090	14,045,450
2070	14,045,450	60	60	1,939,323	2,128	850,853	12,954,972
2071	12,954,972	40	40	1,822,864	2,032	783,702	11,913,858
2072	11,913,858	27	27	1,708,861	1,934	719,676	10,922,793

## Appendix A

### Table 1 – Projection of Fiduciary Net Positions (continued)

(\$ in Thousands)

Calendar Year	Beginning Fiduciary Position	Member Contributions	Employer Contributions	Benefit Payments	Administrative Expenses	Investment Earnings	Ending Fiduciary Position
2073	\$ 10,922,793	\$ 17	\$ 17	\$ 1,597,526	\$ 1,837	\$ 658,822	\$ 9,982,286
2074	9,982,286	11	11	1,489,059	1,739	601,161	9,092,671
2075	9,092,671	6	6	1,383,648	1,641	546,712	8,254,106
2076	8,254,106	4	4	1,281,471	1,543	495,474	7,466,574
2077	7,466,574	2	2	1,182,698	1,446	447,449	6,729,883
2078	6,729,883	1	1	1,087,485	1,350	402,613	6,043,663
2079	6,043,663	1	1	995,985	1,256	360,938	5,407,362
2080	5,407,362	0	0	908,342	1,163	322,385	4,820,242
2081	4,820,242	0	0	824,699	1,072	286,900	4,281,371
2082	4,281,371	0	0	745,188	984	254,421	3,789,620
2083	3,789,620	0	0	669,930	899	224,867	3,343,658
2084	3,343,658	0	0	599,027	817	198,149	2,941,963
2085	2,941,963	0	0	532,565	739	174,169	2,582,828
2086	2,582,828	0	0	470,601	664	152,809	2,264,372
2087	2,264,372	0	0	413,167	594	133,950	1,984,561
2088	1,984,561	0	0	360,263	528	117,455	1,741,225
2089	1,741,225	0	0	311,859	466	103,189	1,532,089
2090	1,532,089	0	0	267,889	409	91,003	1,354,794
2091	1,354,794	0	0	228,249	357	80,750	1,206,938
2092	1,206,938	0	0	192,799	309	72,273	1,086,103
2093	1,086,103	0	0	161,365	266	65,427	989,899
2094	989,899	0	0	133,741	226	60,057	915,989
2095	915,989	0	0	109,696	192	56,024	862,125
2096	862,125	0	0	88,976	161	53,187	826,175
2097	826,175	0	0	71,315	134	51,416	806,142
2098	806,142	0	0	56,438	111	50,590	800,183
2099	800,183	0	0	44,068	91	50,599	806,623
2100	806,623	0	0	33,924	74	51,344	823,969
2101	823,969	0	0	25,729	59	52,733	850,914
2102	850,914	0	0	19,214	47	54,692	886,345
2103	886,345	0	0	14,123	37	57,159	929,344
2104	929,344	0	0	10,216	30	60,080	979,178
2105	979,178	0	0	7,273	23	63,414	1,035,296
2106	1,035,296	0	0	5,098	18	67,130	1,097,310
2107	1,097,310	0	0	3,524	14	71,211	1,164,983
2108	1,164,983	0	0	2,407	11	75,646	1,238,211
2109	1,238,211	0	0	1,630	9	80,432	1,317,004
2110	1,317,004	0	0	1,100	7	85,570	1,401,467
2111	1,401,467	0	0	743	5	91,072	1,491,791
2112	1,491,791	0	0	506	4	96,950	1,588,231
2113	1,588,231	0	0	349	4	103,225	1,691,103
2114	1,691,103	0	0	245	3	109,914	1,800,769
2115	1,800,769	0	0	175	2	117,043	1,917,635
2116	1,917,635	0	0	128	2	124,643	2,042,148
2117	2,042,148	0	0	94	2	132,737	2,174,789
2118	2,174,789	0	0	70	1	141,359	2,316,077
2119	2,316,077	0	0	52	1	150,544	2,466,568
2120	2,466,568	0	0	38	1	160,326	2,626,855
2121	2,626,855	0	0	28	1	170,745	2,797,571
2122	2,797,571	0	0	20	0	181,841	2,979,392

## Appendix A

### Table 2 – Actuarial Present Values of Projected Benefit Payments

(\$ in Thousands)

Calendar Year	Beginning Fiduciary Position	Benefit Payments	Funded Benefit Payments	Unfunded Benefit Payments	Present Value of Benefit Payments		
					Funded Payments at 6.50%	Unfunded Payments at 3.65%	Using Single Discount Rate of 6.50%
2023	\$ 29,655,408	\$ 1,953,241	\$ 1,953,241	\$ 0	\$ 1,892,697	\$ 0	\$ 1,892,697
2024	31,834,640	2,051,354	2,051,354	0	1,866,449	0	1,866,449
2025	33,255,701	2,151,405	2,151,405	0	1,838,011	0	1,838,011
2026	34,643,394	2,252,443	2,252,443	0	1,806,884	0	1,806,884
2027	36,025,118	2,353,805	2,353,805	0	1,772,953	0	1,772,953
2028	37,479,265	2,462,356	2,462,356	0	1,741,518	0	1,741,518
2029	39,032,638	2,574,631	2,574,631	0	1,709,789	0	1,709,789
2030	40,597,011	2,685,158	2,685,158	0	1,674,356	0	1,674,356
2031	42,077,754	2,793,112	2,793,112	0	1,635,372	0	1,635,372
2032	43,454,599	2,896,774	2,896,774	0	1,592,551	0	1,592,551
2033	44,706,810	2,998,910	2,998,910	0	1,548,077	0	1,548,077
2034	45,815,220	3,101,840	3,101,840	0	1,503,484	0	1,503,484
2035	46,798,270	3,203,912	3,203,912	0	1,458,178	0	1,458,178
2036	47,630,868	3,302,675	3,302,675	0	1,411,387	0	1,411,387
2037	48,373,467	3,399,651	3,399,651	0	1,364,159	0	1,364,159
2038	48,991,961	3,491,774	3,491,774	0	1,315,610	0	1,315,610
2039	49,428,239	3,576,007	3,576,007	0	1,265,114	0	1,265,114
2040	49,712,554	3,654,093	3,654,093	0	1,213,840	0	1,213,840
2041	49,806,774	3,730,424	3,730,424	0	1,163,564	0	1,163,564
2042	49,674,702	3,805,998	3,805,998	0	1,114,683	0	1,114,683
2043	49,356,113	3,872,088	3,872,088	0	1,064,825	0	1,064,825
2044	48,901,578	3,927,623	3,927,623	0	1,014,176	0	1,014,176
2045	48,313,078	3,979,279	3,979,279	0	964,802	0	964,802
2046	47,591,686	4,027,455	4,027,455	0	916,885	0	916,885
2047	46,735,851	4,069,717	4,069,717	0	869,959	0	869,959
2048	45,746,202	4,102,719	4,102,719	0	823,487	0	823,487
2049	44,624,367	4,122,207	4,122,207	0	776,900	0	776,900
2050	43,378,926	4,127,928	4,127,928	0	730,496	0	730,496
2051	42,020,606	4,123,196	4,123,196	0	685,126	0	685,126
2052	40,557,219	4,095,916	4,095,916	0	639,054	0	639,054
2053	39,006,682	4,036,031	4,036,031	0	591,278	0	591,278
2054	37,403,756	3,954,017	3,954,017	0	543,909	0	543,909
2055	35,772,985	3,858,121	3,858,121	0	498,326	0	498,326
2056	34,129,295	3,752,205	3,752,205	0	455,066	0	455,066
2057	32,483,858	3,638,812	3,638,812	0	414,379	0	414,379
2058	30,845,433	3,519,913	3,519,913	0	376,375	0	376,375
2059	29,220,989	3,396,991	3,396,991	0	341,062	0	341,062
2060	27,616,194	3,271,013	3,271,013	0	308,370	0	308,370
2061	26,035,927	3,143,036	3,143,036	0	278,221	0	278,221
2062	24,484,175	3,013,960	3,013,960	0	250,512	0	250,512
2063	22,964,170	2,802,318	2,802,318	0	218,705	0	218,705
2064	21,563,364	2,676,012	2,676,012	0	196,101	0	196,101
2065	20,201,576	2,550,132	2,550,132	0	175,471	0	175,471
2066	18,881,001	2,425,070	2,425,070	0	156,681	0	156,681
2067	17,603,546	2,301,163	2,301,163	0	139,601	0	139,601
2068	16,370,876	2,178,719	2,178,719	0	124,106	0	124,106
2069	15,184,433	2,058,023	2,058,023	0	110,076	0	110,076
2070	14,045,450	1,939,323	1,939,323	0	97,397	0	97,397
2071	12,954,972	1,822,864	1,822,864	0	85,960	0	85,960
2072	11,913,858	1,708,861	1,708,861	0	75,666	0	75,666



## Appendix A

**Table 2 – Actuarial Present Values of Projected Benefit Payments (continued)**  
(\$ in Thousands)

Calendar Year	Beginning Fiduciary Position	Benefit Payments	Funded Benefit Payments	Unfunded Benefit Payments	Present Value of Benefit Payments		
					Funded Payments at 6.50%	Unfunded Payments at 3.65%	Using Single Discount Rate of 6.50%
2073	\$ 10,922,793	\$ 1,597,526	\$ 1,597,526	\$ 0	\$ 66,419	\$ 0	\$ 66,419
2074	9,982,286	1,489,059	1,489,059	0	58,131	0	58,131
2075	9,092,671	1,383,648	1,383,648	0	50,719	0	50,719
2076	8,254,106	1,281,471	1,281,471	0	44,107	0	44,107
2077	7,466,574	1,182,698	1,182,698	0	38,223	0	38,223
2078	6,729,883	1,087,485	1,087,485	0	33,000	0	33,000
2079	6,043,663	995,985	995,985	0	28,379	0	28,379
2080	5,407,362	908,342	908,342	0	24,302	0	24,302
2081	4,820,242	824,699	824,699	0	20,718	0	20,718
2082	4,281,371	745,188	745,188	0	17,578	0	17,578
2083	3,789,620	669,930	669,930	0	14,838	0	14,838
2084	3,343,658	599,027	599,027	0	12,458	0	12,458
2085	2,941,963	532,565	532,565	0	10,400	0	10,400
2086	2,582,828	470,601	470,601	0	8,629	0	8,629
2087	2,264,372	413,167	413,167	0	7,113	0	7,113
2088	1,984,561	360,263	360,263	0	5,824	0	5,824
2089	1,741,225	311,859	311,859	0	4,734	0	4,734
2090	1,532,089	267,889	267,889	0	3,818	0	3,818
2091	1,354,794	228,249	228,249	0	3,055	0	3,055
2092	1,206,938	192,799	192,799	0	2,423	0	2,423
2093	1,086,103	161,365	161,365	0	1,904	0	1,904
2094	989,899	133,741	133,741	0	1,482	0	1,482
2095	915,989	109,696	109,696	0	1,141	0	1,141
2096	862,125	88,976	88,976	0	869	0	869
2097	826,175	71,315	71,315	0	654	0	654
2098	806,142	56,438	56,438	0	486	0	486
2099	800,183	44,068	44,068	0	356	0	356
2100	806,623	33,924	33,924	0	258	0	258
2101	823,969	25,729	25,729	0	183	0	183
2102	850,914	19,214	19,214	0	129	0	129
2103	886,345	14,123	14,123	0	89	0	89
2104	929,344	10,216	10,216	0	60	0	60
2105	979,178	7,273	7,273	0	40	0	40
2106	1,035,296	5,098	5,098	0	27	0	27
2107	1,097,310	3,524	3,524	0	17	0	17
2108	1,164,983	2,407	2,407	0	11	0	11
2109	1,238,211	1,630	1,630	0	7	0	7
2110	1,317,004	1,100	1,100	0	4	0	4
2111	1,401,467	743	743	0	3	0	3
2112	1,491,791	506	506	0	2	0	2
2113	1,588,231	349	349	0	1	0	1
2114	1,691,103	245	245	0	1	0	1
2115	1,800,769	175	175	0	1	0	1
2116	1,917,635	128	128	0	0	0	0
2117	2,042,148	94	94	0	0	0	0
2118	2,174,789	70	70	0	0	0	0
2119	2,316,077	52	52	0	0	0	0
2120	2,466,568	38	38	0	0	0	0
2121	2,626,855	28	28	0	0	0	0
2122	2,797,571	20	20	0	0	0	0