

SOUTH KINGSTOWN SCHOOL DISTRICT

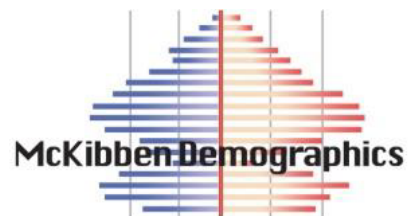
**POPULATION AND ENROLLMENT FORECASTS,
2021-22 THROUGH 2030-31**

NOVEMBER 2020

**McKibben Demographic Research, LLC
Jerome McKibben, Ph.D.
Rock Hill, SC**

j.mckibben@mckibbendemographics.com

978-501-7069



CONTENTS

EXECUTIVE SUMMARY 3

ASSUMPTIONS 4

Appendix A: Population Forecast 6

Appendix B: Enrollment Forecast 11

EXECUTIVE SUMMARY

1. The South Kingstown’s **resident non-college** fertility rates are below replacement levels over the duration of the forecasts (TFR=1.81 for the district vs. 2.1 for replacement level)
2. A significant proportion of the locally born 18-to-24-year-old population will continue to leave the district, going to college or moving to other urbanized areas. The second largest outmigration flow occurs in the 70+ age groups.
3. One of the primary factors causing the district's enrollment to experience declines over the next eight years is the presence of roughly consistent sized grade cohorts in the district entering Kindergarten and 1st grade in conjunction with larger graduating 12th classes.
4. Most of the non-college in-migration to the district continues to occur in the 0-to-9 and 30-to-44-year-old age groups.
5. As the current young families begin to age into their 40s and smaller grade cohorts enter into the school system, total enrollment will continue to have a persistent decline until 2027-28. After the 5th grade moves to the elementary schools in 2022, the district’s elementary enrollment will remain relatively stable.
6. While the district will continue to have limited new home construction, the rate and magnitude of existing home sales along with the occupancy rate of the rental properties will be the dominant factor affecting the amount of population and enrollment change.
7. The median age of the district will increase from 35.6 in 2010 to 38.7 in 2030. Excluding the college students, the median age increases from 44.4 in 2010 to 46.3 in 2030.
8. Total enrollment is forecasted to decline by 239 students, or -8.8%, between 2020-21 and 2025-26. Total enrollment will decrease 75 students, or -3.0%, from 2025-26 to 2030-31.

ASSUMPTIONS

Assumptions Used in the Fall 2020 Series Population and Enrollment Forecasts

- a. The national, state or regional economy does not go into **deep** recession at any time during the 10 years of the forecasts; (Deep recession is defined as four consecutive

quarters where the GDP contracts greater than 1% per quarter)

- b. Interest rates have come off their historic lows and will not fluctuate more than one percentage point in the short term; the interest rate for a 30-year fixed home mortgage stays below 4.5% over the next 10 years;
- c. The rate of mortgage approval stays at 2016-2019 levels and lenders do not return to “sub-prime” mortgage practices;
- d. There are no additional restrictions placed on home mortgage lenders or bankruptcies of major credit providers;
- e. The rate of housing foreclosures does not exceed 125% of the 2016-2020 average of the South Kingstown School District for any year in the forecasts;
- f. All currently planned, platted, and approved housing units are built and completed by 2029. All housing units constructed are occupied by 2030;
- g. The **average annual** unemployment rates for Washington County will remain below 8.0% for the 10 years of the forecasts;
- h. The rate of students transferring into and out of the South Kingstown School District will remain at the 2012-13 to 2019-20 average;
- i. The state of Rhode Island does not change any of its current laws regarding Charter Schools, school vouchers or inter district transfers;
- j. No new charter schools or private schools open or close in Washington County over the next 10 years;
- k. The inflation rate for gasoline will stay below 5% per year for the 10 years of the forecasts;
- l. There will be no building moratorium within the district;
- m. Businesses within the district Washington County and the Greater Providence Metropolitan Area will remain viable;
- n. There will no major layoffs or expansions at the University of Rhode Island;
- o. The number of existing home sales in the district that are a result of “distress sales” (homes worth less than the current mortgage value) will not exceed 20% of total homes sales in the district for any given year;
- p. Housing turnover rates (sale of existing homes in the district) will remain at their

current levels. The majority of existing home sales are made by home owners over the age of 55;

- q. Private school and home school attendance rates will remain constant;
- r. The district will have at least 250 existing home sales annually from 2020 to 2030;
- s. The rate of foreclosures for commercial property remains at the 2016-2020 average for Washington County.

Under normal circumstances, the level of the accuracy for both the population and enrollment forecasts at the school district level is estimated to be $\pm 2.0\%$ for the life of the forecasts. However, with the current virtual shutdown of the local, state and national economy, the level of the accuracy for the total enrollment forecasts at the school district level in these calculations is estimated to be -5.0% for the at least the next two years. That is to say, given the unknown long-term impacts of the Corona Virus shutdowns on the economy, the total district enrollment calculated here should be considered the absolute maximum for next two year in the forecast period. A worst-case scenario would be the total district enrollment would be 5% less than forecasted each year. The pace, magnitude and distribution of the economic recovery will dictate if this margin of error should be extended if the impacts of COVID persist beyond 2021.

Appendix A: Population Forecast

South Kingstown School District Total Population

2010	2015	2020	2025	2030
------	------	------	------	------

South Kingstown School District—Demographic Study November 2020

0-4	1,144	1,120	1,120	1,030	970
5-9	1,439	1,180	1,130	1,110	1,080
10-14	1,687	1,430	1,200	1,150	1,120
15-19	5,075	4,960	4,710	4,500	4,470
20-24	3,481	3,620	3,510	3,310	3,110
25-29	1,261	1,600	1,730	1,620	1,430
30-34	1,082	1,290	1,640	1,750	1,630
35-39	1,239	1,240	1,460	1,780	1,870
40-44	1,694	1,370	1,370	1,560	1,860
45-49	2,155	1,720	1,390	1,390	1,570
50-54	2,220	2,110	1,690	1,360	1,360
55-59	2,151	2,150	2,030	1,620	1,290
60-64	1,803	2,070	2,050	1,950	1,560
65-69	1,229	1,670	1,890	1,920	1,790
70-74	780	1,100	1,510	1,710	1,710
75-79	711	680	980	1,330	1,510
80-84	665	580	550	790	1,070
85+	823	880	860	840	960
Total	30,639	30,770	30,820	30,720	30,360
Median Age	35.6	35.7	36.3	37.5	38.7
Births	1,040	1,020	990	930	
Deaths	1,240	1,290	1,290	1,530	
Natural Increase	-200	-270	-300	-600	
Net Migration	330	310	270	270	
Change	130	40	-30	-330	

Differences between period Totals may not equal Change due to rounding.

Matunuck Elementary Total Population

	2010	2015	2020	2025	2030
0-4	215	200	190	160	150
5-9	321	230	200	200	180

South Kingstown School District—Demographic Study November 2020

10-14	405	320	230	200	200
15-19	373	360	280	190	180
20-24	344	320	310	260	170
25-29	225	360	320	320	260
30-34	196	250	380	340	330
35-39	246	240	290	410	370
40-44	391	290	270	310	430
45-49	527	390	290	270	310
50-54	654	520	390	280	260
55-59	635	640	510	370	270
60-64	609	620	620	490	370
65-69	408	570	580	590	460
70-74	251	380	540	530	520
75-79	238	220	340	480	470
80-84	171	190	170	270	380
85+	157	190	220	240	290
Total	6,366	6,290	6,130	5,910	5,600
Median Age	49.4	51.8	53.9	55.2	54.2
Births	170	160	140	130	
Deaths	330	370	370	460	
Natural Increase	-160	-210	-230	-330	
Net Migration	70	60	50	50	
Change	-90	-150	-180	-280	

Differences between period Totals may not equal Change due to rounding.

Peace Dale Elementary Total Population

	2010	2015	2020	2025	2030
0-4	373	410	410	370	350
5-9	496	390	440	430	410
10-14	584	490	390	440	430
15-19	562	530	450	350	410

South Kingstown School District—Demographic Study November 2020

20-24	454	490	470	390	310
25-29	368	470	510	470	410
30-34	373	400	500	530	490
35-39	426	430	450	540	560
40-44	586	480	470	480	560
45-49	678	580	480	470	470
50-54	620	670	570	460	460
55-59	608	610	650	570	460
60-64	491	590	580	630	550
65-69	358	470	540	560	590
70-74	214	330	420	490	510
75-79	205	180	290	370	430
80-84	219	170	160	240	300
85+	360	350	310	280	310
Total	7,974	8,040	8,090	8,070	8,010
Median Age	43.0	44.3	44.5	45.4	45.8
Births	380	360	350	330	
Deaths	410	400	400	460	
Natural Increase	-30	-40	-50	-130	
Net Migration	90	80	60	60	
Change	60	40	10	-70	

Differences between period Totals may not equal Change due to rounding.

Wakefield Elementary Total Population

	2010	2015	2020	2025	2030
0-4	282	240	240	230	200
5-9	294	260	200	200	220
10-14	342	300	280	210	200
15-19	391	320	260	260	180
20-24	370	370	280	240	230

South Kingstown School District—Demographic Study November 2020

25-29	329	380	370	300	260
30-34	281	350	410	400	320
35-39	286	300	390	440	420
40-44	352	310	340	420	460
45-49	469	380	340	360	440
50-54	499	460	380	340	350
55-59	455	490	450	360	320
60-64	369	440	470	430	350
65-69	237	350	420	450	410
70-74	173	200	310	380	400
75-79	153	160	180	270	330
80-84	163	120	120	150	220
85+	195	210	200	190	200
Total	5,639	5,640	5,640	5,630	5,510
Median Age	43.5	44.8	45.7	46.6	48.0
Births		210	210	210	180
Deaths		280	280	280	330
Natural Increase		-70	-70	-70	-150
Net Migration		70	70	60	60
Change		0	0	-10	-90

Differences between period Totals may not equal Change due to rounding.

West Kingstown Elementary Total Population

	2010	2015	2020	2025	2030
0-4	274	270	280	270	270
5-9	328	300	290	280	270
10-14	356	320	300	300	290
15-19	3,749	3,750	3,720	3,700	3,700
20-24	2,314	2,440	2,450	2,420	2,400
25-29	340	390	530	530	500

South Kingstown School District—Demographic Study November 2020

30-34	232	290	350	480	490
35-39	280	270	330	390	520
40-44	365	290	290	350	410
45-49	481	370	280	290	350
50-54	447	460	350	280	290
55-59	453	410	420	320	240
60-64	334	420	380	400	290
65-69	227	280	350	320	330
70-74	142	190	240	310	280
75-79	116	120	170	210	280
80-84	111	100	100	130	170
85+	111	130	130	130	160
Total	10,661	10,800	10,960	11,110	11,240
Median Age	21.3	21.6	21.8	22.1	22.3
Births	280	290	290	290	
Deaths	220	240	240	280	
Natural Increase	60	50	50	10	
Net Migration	100	100	100	100	
Change	160	150	150	110	

Differences between period Totals may not equal Change due to rounding.

Appendix B: Enrollment Forecast

South Kingstown School District Total Enrollment

	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31
PK/PF	78	50	59	48	48	48	48	48	48	48	48	48	48	48
K	204	201	184	148	171	175	180	184	180	175	173	169	166	172
1	197	200	208	171	162	173	179	184	188	184	179	177	173	170
2	199	200	189	200	172	164	175	181	186	190	186	181	180	176
3	230	205	201	189	200	173	163	177	183	188	192	188	183	182
4	209	225	193	189	190	201	173	165	179	185	190	194	190	185
5						192	204	175	167	182	188	194	198	193
Total PK-4/5	1117	1081	1034	945	943	1126	1122	1114	1131	1152	1156	1151	1138	1126

South Kingstown School District—Demographic Study November 2020

5	232	215	224	192	188	0								
6	247	235	213	224	195	0								
Total: 5-6	479	450	437	416	383	0	0	0	0	0	0	0	0	0
6					191	195	206	178	170	184	190	196	201	
7	255	239	228	203	220	191	187	191	202	174	167	180	188	194
8	266	249	240	220	201	218	189	185	189	199	171	164	177	185
Total: 7-8	521	488	468	423	421	600	571	582	569	543	522	534	561	580
9	240	237	228	247	218	199	216	187	183	187	197	169	162	175
10	237	239	237	223	243	215	196	213	184	180	184	194	166	160
11	229	230	232	228	221	241	213	194	211	182	178	182	192	164
12	230	234	225	233	233	225	246	217	198	215	186	182	186	196
Total: HS	936	940	922	931	915	880	871	811	776	764	745	727	706	695
Total	3053	2959	2861	2715	2662	2606	2564	2507	2476	2459	2423	2412	2405	2401
Total	3053	2959	2861	2715	2662	2606	2564	2507	2476	2459	2423	2412	2405	2401
Change		-94	-98	-146	-53	-56	-42	-57	-31	-17	-36	-11	-7	-4
%-Change		-3.1%	-3.3%	-5.1%	-2.0%	-2.1%	-1.6%	-2.2%	-1.2%	-0.7%	-1.5%	-0.5%	-0.3%	-0.2%
Total: PK-4/5	1117	1081	1034	945	943	1126	1122	1114	1131	1152	1156	1151	1138	1126
Change		-36	-47	-89	-2	183	-4	-8	17	21	4	-5	-13	-12
%-Change		-3.2%	-4.3%	-8.6%	-0.2%	19.4%	-0.4%	-0.7%	1.5%	1.9%	0.3%	-0.4%	-1.1%	-1.1%
Total: 5-6	479	450	437	416	383	0	0	0	0	0	0	0	0	0
Change		-29	-13	-21	-33	-383	0	0	0	0	0	0	0	0
%-Change		-6.1%	-2.9%	-4.8%	-7.9%	-100%								
Total: 6/7-8	521	488	468	423	421	600	571	582	569	543	522	534	561	580
Change		-33	-20	-45	-2	179	-29	11	-13	-26	-21	12	27	19
%-Change		-6.3%	-4.1%	-9.6%	-0.5%	42.5%	-4.8%	1.9%	-2.2%	-4.6%	-3.9%	2.3%	5.1%	3.4%
Total: HS	936	940	922	931	915	880	871	811	776	764	745	727	706	695
Change		4	-18	9	-16	-35	-9	-60	-35	-12	-19	-18	-21	-11
%-Change		0.4%	-1.9%	1.0%	-1.7%	-3.8%	-1.0%	-6.9%	-4.3%	-1.5%	-2.5%	-2.4%	-2.9%	-1.6%

Blue cells are historical data; Red numbers are current enrollment; Orange cells are forecasted enrollment.

Matunuck Elementary: Enrollment Forecast

	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31
K	40	25	35	27	30	31	32	34	33	32	32	31	31	32
1	33	44	28	34	30	32	33	34	35	34	33	33	32	32
2	39	35	40	31	35	31	33	34	35	36	35	34	35	34
3	38	40	40	42	32	36	32	34	35	37	38	37	36	37
4	49	37	35	30	42	32	36	33	35	36	38	39	38	37
5					43	33	37	34	36	37	39	40	39	
Total	199	181	178	164	169	205	199	206	207	211	213	213	212	211

South Kingstown School District—Demographic Study November 2020

Total K-4/5	199	181	178	164	169	205	199	206	207	211	213	213	212	211
Change		-18	-3	-14	5	36	-6	7	1	4	2	0	-1	-1
%-Change		-9.0%	-1.7%	-7.9%	3.0%	21.3%	-2.9%	3.5%	0.5%	1.9%	0.9%	0.0%	-0.5%	-0.5%

Blue cells are historical data; Red numbers are current enrollment; Orange cells are forecasted enrollment.

Peace Dale Elementary: Enrollment Forecast

	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31
K	79	81	86	67	75	77	79	79	77	75	74	73	71	73
1	82	74	85	79	71	77	79	81	82	80	78	77	76	74
2	74	85	71	88	80	72	78	80	82	83	81	79	78	77
3	75	78	85	72	90	82	73	80	82	83	84	82	80	79
4	65	78	74	80	73	91	83	74	81	83	84	85	83	81
5						74	93	85	75	83	85	87	88	85
Total	375	396	401	386	389	473	485	479	479	487	486	483	476	469
Total K-4/5	375	396	401	386	389	473	485	479	479	487	486	483	476	469
Change		21	5	-15	3	84	12	-6	0	8	-1	-3	-7	-7
%-Change		5.6%	1.3%	-3.7%	0.8%	21.6%	2.5%	-1.2%	0.0%	1.7%	-0.2%	-0.6%	-1.4%	-1.5%

Blue cells are historical data; Red numbers are current enrollment; Orange cells are forecasted enrollment.

Wakefield Elementary: Enrollment Forecast

	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31
K	23	35	18	18	22	21	22	23	23	22	22	21	21	22
1	26	24	36	16	20	21	22	23	24	24	23	23	22	22
2	39	26	24	40	16	21	22	23	24	25	25	24	24	23
3	58	37	26	26	39	16	20	23	24	25	26	26	25	25
4	46	54	38	34	27	40	16	21	24	25	26	27	27	26
5						28	41	16	22	25	26	27	28	28

South Kingstown School District—Demographic Study November 2020

Total	192	176	142	134	124	147	143	129	141	146	148	148	147	146
Total K-4/5	192	176	142	134	124	147	143	129	141	146	148	148	147	146
Change		-16	-34	-8	-10	23	-4	-14	12	5	2	0	-1	-1
%-Change		-8.3%	-19%	-5.6%	-7.5%	18.5%	-2.7%	-9.8%	9.3%	3.5%	1.4%	0.0%	-0.7%	-0.7%

Blue cells are historical data; Red numbers are current enrollment; Orange cells are forecasted enrollment.

West Kingstown Elementary: Enrollment Forecast

	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31
K	62	60	45	36	44	46	47	48	47	46	45	44	43	45
1	56	58	59	42	41	43	45	46	47	46	45	44	43	42
2	47	54	54	41	41	40	42	44	45	46	45	44	43	42
3	59	50	50	49	39	39	38	40	42	43	44	43	42	41
4	49	56	46	45	48	38	38	37	39	41	42	43	42	41
5						47	37	37	36	38	40	41	42	41
Total	273	278	254	213	213	253	247	252	256	260	261	259	255	252
Total K-4/5	273	278	254	213	213	253	247	252	256	260	261	259	255	252
Change		5	-24	-41	0	40	-6	5	4	4	1	-2	-4	-3
%-Change		1.8%	-8.6%	-16%	0.0%	18.8%	-2.4%	2.0%	1.6%	1.6%	0.4%	-0.8%	-1.5%	-1.2%

Blue cells are historical data; Red numbers are current enrollment; Orange cells are forecasted enrollment.

Broad Rock Middle School—Old: Enrollment Forecast

	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31
5	232	215	224	192	188	0	0	0	0	0	0	0	0	0
6	247	235	213	224	195	0	0	0	0	0	0	0	0	0
Total	479	450	437	416	383	0	0	0	0	0	0	0	0	0
Total	479	450	437	416	383	0	0	0	0	0	0	0	0	0

South Kingstown School District—Demographic Study November 2020

Change	-29	-13	-21	-33	-383	0	0	0	0	0	0	0	0
%-Change	-6.1%	-2.9%	-4.8%	-7.9%	-100%								

Blue cells are historical data; Red numbers are current enrollment; Orange cells are forecasted enrollment.

Broad Rock Middle School—New: Enrollment Forecast

	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30
6						191	195	206	178	170	184	190	196
7						191	187	191	202	174	167	180	188
8						218	189	185	189	199	171	164	177
Total						600	571	582	569	543	522	534	561
Total						600	571	582	569	543	522	534	561
Change							-29	11	-13	-26	-21	12	27
%-Change							-4.8%	1.9%	-2.2%	-4.6%	-3.9%	2.3%	5.1%

Blue cells are historical data; Red numbers are current enrollment; Orange cells are forecasted enrollment.

Curtis Corner Middle School: Enrollment Forecast

	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30
7	255	239	228	203	220	0							
8	266	249	240	220	201	0							
Total	521	488	468	434	427	0							
Total	521	488	468	434	427	0							
Change		-33	-20	-34	-7	-427							
%-Change		-6.3%	-4.1%	-7.3%	-1.6%	-100%							

Blue cells are historical data; Red numbers are current enrollment; Orange cells are forecasted enrollment.

South Kingstown High School: Enrollment Forecast

	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30
9	240	237	228	247	218	199	216	187	183	187	197	169	162
10	237	239	237	223	243	215	196	213	184	180	184	194	166
11	229	230	232	228	221	241	213	194	211	182	178	182	192

South Kingstown School District—Demographic Study November 2020

12	230	234	225	233	233	225	246	217	198	215	186	182	186
Total	936	940	922	931	915	880	871	811	776	764	745	727	706
Total	936	940	922	931	915	880	871	811	776	764	745	727	706
Change		4	-18	9	-16	-35	-9	-60	-35	-12	-19	-18	-21
%-Change		0.4%	-1.9%	1.0%	-1.7%	-3.8%	-1.0%	-6.9%	-4.3%	-1.5%	-2.5%	-2.4%	-2.9%

Blue cells are historical data; Red numbers are current enrollment; Orange cells are forecasted enrollment.