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# Salem-Keizer School District Population and Enrollment Forecast Update 2016-17 to 2035-36

Portland State University. Population Research Center

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**SALEM-KEIZER SCHOOL DISTRICT**  
**POPULATION AND ENROLLMENT FORECAST UPDATE**  
**2016-17 TO 2035-36**



**August, 2016**



**SALEM-KEIZER SCHOOL DISTRICT**  
**POPULATION AND ENROLLMENT FORECAST UPDATE**  
**2016-17 TO 2035-36**

**Prepared By**  
**Population Research Center**  
**Portland State University**

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**August 2016**



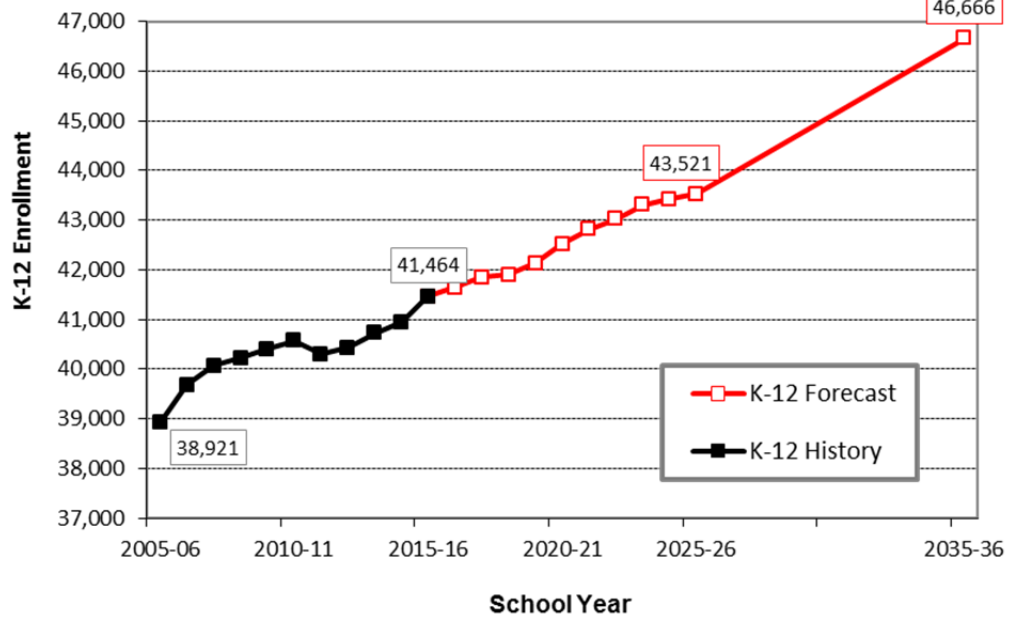
## ENROLLMENT TABLES AND CHARTS

The district-wide and individual school forecasts have been updated to incorporate 2015-16 enrollments by school and the latest birth and residential development data, and have been extended to include forecasts for 2025-26 and 2035-36. For more demographic information about the Salem-Keizer School District (SKSD), see “Salem-Keizer School District Population and Enrollment Forecasts, 2015-16 to 2024-25” prepared by Portland State University Population Research Center (PRC) in June 2015.

School Year	K-5	6-8	9-12	K-12 Total
<b>2005-06</b>	<b>18,156</b>	<b>8,961</b>	<b>11,804</b>	<b>38,921</b>
<b>2010-11</b>	<b>18,850</b>	<b>9,370</b>	<b>12,356</b>	<b>40,576</b>
<i>5 Year Change</i>	694 4%	409 5%	552 5%	1,655 4%
<b>2015-16</b>	<b>19,684</b>	<b>9,365</b>	<b>12,415</b>	<b>41,464</b>
<i>5 Year Change</i>	834 4%	-5 0%	59 0%	888 2%
<b>2020-21</b>	<b>19,208</b>	<b>10,226</b>	<b>13,084</b>	<b>42,518</b>
<i>5 Year Change</i>	-476 -2%	861 9%	669 5%	1,054 3%
<b>2025-26</b>	<b>20,169</b>	<b>9,702</b>	<b>13,650</b>	<b>43,521</b>
<i>10 Year Change</i>	485 2%	337 4%	1,235 10%	2,057 5%
<b>2035-36</b>	<b>21,704</b>	<b>10,758</b>	<b>14,204</b>	<b>46,666</b>
<i>20 Year Change</i>	2,020 10%	1,393 15%	1,789 14%	5,202 13%

*Population Research Center, PSU. August 2016.*

Chart 1  
SKSD K-12 Enrollment History and Forecast



**Table 2  
Salem-Keizer School District, Enrollment History, 2005-06 to 2015-16**

Grade	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
<b>K</b>	2,977	2,925	2,942	3,028	3,100	2,995	3,171	3,216	3,267	3,043	3,118
<b>1</b>	3,059	3,182	3,106	3,106	3,201	3,295	3,161	3,287	3,412	3,398	3,235
<b>2</b>	3,083	3,096	3,216	3,115	3,086	3,187	3,189	3,116	3,275	3,381	3,420
<b>3</b>	3,054	3,119	3,125	3,220	3,111	3,066	3,128	3,185	3,137	3,313	3,380
<b>4</b>	2,952	3,095	3,108	3,137	3,273	3,097	3,017	3,119	3,176	3,158	3,348
<b>5</b>	3,031	2,964	3,114	3,132	3,155	3,210	3,085	3,028	3,131	3,227	3,183
<b>6</b>	2,967	3,111	2,960	3,096	3,122	3,151	3,195	3,058	2,975	3,143	3,221
<b>7</b>	2,933	3,023	3,122	2,998	3,104	3,118	3,146	3,138	3,041	2,968	3,129
<b>8</b>	3,061	3,012	3,021	3,103	3,000	3,101	3,115	3,063	3,093	3,040	3,015
<b>9</b>	3,166	3,125	3,029	3,033	3,162	3,071	3,122	3,087	3,096	3,166	3,075
<b>10</b>	3,072	3,139	3,132	3,012	3,022	3,153	3,013	3,105	3,069	3,059	3,183
<b>11</b>	2,801	2,984	3,040	2,956	2,901	2,968	2,953	2,869	2,945	2,919	2,940
<b>12</b>	2,765	2,901	3,157	3,284	3,168	3,164	3,012	3,164	3,113	3,132	3,217
<b>Total</b>	<b>38,921</b>	<b>39,676</b>	<b>40,072</b>	<b>40,220</b>	<b>40,405</b>	<b>40,576</b>	<b>40,307</b>	<b>40,435</b>	<b>40,730</b>	<b>40,947</b>	<b>41,464</b>
<i>Annual change</i>		755 1.9%	396 1.0%	148 0.4%	185 0.5%	171 0.4%	-269 -0.7%	128 0.3%	295 0.7%	217 0.5%	517 1.3%
<b>K-5</b>	18,156	18,381	18,611	18,738	18,926	18,850	18,751	18,951	19,398	19,520	19,684
<b>6-8</b>	8,961	9,146	9,103	9,197	9,226	9,370	9,456	9,259	9,109	9,151	9,365
<b>9-12</b>	11,804	12,149	12,358	12,285	12,253	12,356	12,100	12,225	12,223	12,276	12,415

	5 Year Change: 2005-06 to 2010-11		5 Year Change: 2010-11 to 2015-16		10 Year Change: 2005-06 to 2015-16	
	Change	Pct.	Change	Pct.	Change	Pct.
K-5	694	4%	834	4%	1,528	8%
6-8	409	5%	-5	0%	404	5%
9-12	552	5%	59	0%	611	5%
<b>Total</b>	<b>1,655</b>	<b>4%</b>	<b>888</b>	<b>2%</b>	<b>2,543</b>	<b>7%</b>

Source: Salem-Keizer School District



**Table 3  
Salem-Keizer School District, Enrollment Forecasts, 2016-17 to 2035-36**

Grade	Actual	Forecast										
	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2035-36
K	3,118	3,066	3,025	3,012	3,049	3,151	3,172	3,199	3,230	3,262	3,290	3,525
1	3,235	3,260	3,207	3,146	3,152	3,194	3,299	3,321	3,349	3,382	3,415	3,664
2	3,420	3,226	3,251	3,199	3,138	3,145	3,187	3,292	3,314	3,342	3,375	3,630
3	3,380	3,438	3,242	3,267	3,215	3,155	3,162	3,205	3,310	3,333	3,361	3,624
4	3,348	3,411	3,470	3,272	3,298	3,247	3,187	3,194	3,237	3,343	3,366	3,633
5	3,183	3,365	3,428	3,488	3,289	3,316	3,265	3,205	3,212	3,255	3,362	3,628
6	3,221	3,189	3,371	3,434	3,494	3,298	3,325	3,274	3,214	3,221	3,264	3,611
7	3,129	3,222	3,190	3,372	3,435	3,498	3,302	3,329	3,278	3,218	3,225	3,589
8	3,015	3,121	3,214	3,182	3,364	3,430	3,493	3,297	3,324	3,273	3,213	3,558
9	3,075	3,080	3,188	3,283	3,251	3,442	3,510	3,574	3,374	3,401	3,349	3,611
10	3,183	3,055	3,060	3,168	3,262	3,238	3,428	3,496	3,560	3,361	3,388	3,571
11	2,940	3,050	2,928	2,932	3,036	3,134	3,111	3,293	3,359	3,420	3,229	3,399
12	3,217	3,159	3,278	3,147	3,151	3,270	3,376	3,351	3,547	3,618	3,684	3,623
<b>Total</b>	<b>41,464</b>	<b>41,642</b>	<b>41,852</b>	<b>41,902</b>	<b>42,134</b>	<b>42,518</b>	<b>42,817</b>	<b>43,030</b>	<b>43,308</b>	<b>43,429</b>	<b>43,521</b>	<b>46,666</b>
<i>Annual change</i>		178 0.4%	210 0.5%	50 0.1%	232 0.6%	384 0.9%	299 0.7%	213 0.5%	278 0.6%	121 0.3%	92 0.2%	315 0.7%
<b>K-5</b>	19,684	19,766	19,623	19,384	19,141	19,208	19,272	19,416	19,652	19,917	20,169	21,704
<b>6-8</b>	9,365	9,532	9,775	9,988	10,293	10,226	10,120	9,900	9,816	9,712	9,702	10,758
<b>9-12</b>	12,415	12,344	12,454	12,530	12,700	13,084	13,425	13,714	13,840	13,800	13,650	14,204

	5 Year Change: 2015-16 to 2020-21		10 Year Change: 2015-16 to 2035-36		20 Year Change: 2015-16 to 2035-36	
	Growth	Pct.	Growth	Pct.	Growth	Pct.
K-5	-476	-2%	485	2%	2,020	10%
6-8	861	9%	337	4%	1,393	15%
9-12	669	5%	1,235	10%	1,789	14%
<b>Total</b>	<b>1,054</b>	<b>3%</b>	<b>2,057</b>	<b>5%</b>	<b>5,202</b>	<b>13%</b>

Population Research Center, Portland State University, August 2016

**Table 4**  
**Enrollment History for Individual Schools, 2010-11 to 2015-16**

School	Historic Enrollment						Change	
	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2010-11 to 2015-16	
Auburn	653	639	652	668	652	654	1	0%
Battle Creek	0	0	459	531	527	542	542	--
Bethel	64	0	0	0	0	0	-64	--
Brush College	421	410	369	333	200	254	-167	-40%
Bush	276	278	312	317	312	316	40	14%
Candalaria	329	352	338	343	352	354	25	8%
Chapman Hill	539	415	452	419	362	381	-158	-29%
Chavez	0	0	643	705	563	592	592	--
Clear Lake	465	428	483	495	474	437	-28	-6%
Cummings	462	429	390	416	399	431	-31	-7%
Englewood	393	353	356	390	380	359	-34	-9%
Eyre	566	572	546	583	601	612	46	8%
Forest Ridge	241	248	244	239	239	224	-17	-7%
Four Corners	513	510	523	517	522	532	19	4%
Fruitland	69	0	0	0	0	0	-69	--
Grant Community	349	393	410	443	447	427	78	22%
Gubser	491	472	477	464	477	528	37	8%
Hallman	466	468	461	433	456	435	-31	-7%
Hammond	521	527	514	502	518	522	1	0%
Harritt	557	293	289	301	498	514	-43	-8%
Hayesville	454	411	412	431	457	448	-6	-1%
Hazel Green	103	103	0	0	0	0	-103	--
Highland	356	340	366	388	402	413	57	16%
Hoover	562	558	523	538	506	502	-60	-11%
Kalapuya	0	591	638	655	615	590	590	--
Keizer	534	642	604	617	657	656	122	23%
Kennedy	427	427	456	465	458	458	31	7%
Lake Labish	86	0	0	0	0	0	-86	--
Lamb	478	503	482	509	473	491	13	3%
Lee	495	398	328	303	318	303	-192	-39%
Liberty	363	368	368	372	378	372	9	2%
McKinley	324	326	318	317	334	329	5	2%
Middle Grove	286	301	0	0	0	0	-286	--
Miller	388	507	439	437	426	424	36	9%
Morningside	357	374	358	378	386	386	29	8%
Myers	579	422	422	427	478	514	-65	-11%
Pringle	539	634	477	518	526	572	33	6%
Richmond	346	349	354	382	397	361	15	4%
Rosedale	164	151	0	0	0	0	-164	--
Salem Heights	288	276	273	279	288	296	8	3%
Schirle	510	490	462	464	445	442	-68	-13%
Scott	632	614	542	543	624	641	9	1%
Sumpter	548	537	502	496	501	523	-25	-5%
Swegle	587	585	481	462	553	583	-4	-1%
Washington	406	429	410	444	444	415	9	2%
Weddle	447	402	449	469	469	455	8	2%
Wright	433	443	448	468	428	420	-13	-3%
Yoshikai	512	487	505	494	535	538	26	5%
<b>Elementary School Total</b>	<b>18,579</b>	<b>18,455</b>	<b>18,535</b>	<b>18,955</b>	<b>19,077</b>	<b>19,246</b>	<b>667</b>	<b>4%</b>

**Table 4 (continued)**  
**Enrollment History for Individual Schools, 2010-11 to 2015-16**

School	Historic Enrollment						Change	
	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2010-11 to 2015-16	
Claggett Creek	940	944	948	901	926	926	-14	-1%
Crossler	804	831	772	701	692	733	-71	-9%
Houck	937	960	957	961	974	957	20	2%
Judson	979	981	956	924	932	958	-21	-2%
Leslie	891	818	773	762	767	790	-101	-11%
Parrish	747	705	695	678	670	691	-56	-7%
Stephens	1,028	1,005	927	995	1,053	1,063	35	3%
Straub	0	750	731	739	587	607	607	--
Waldo	791	821	910	932	929	995	204	26%
Walker	1,114	534	530	493	613	638	-476	-43%
Whiteaker	884	827	776	750	733	741	-143	-16%
<b>Middle School Total</b>	<b>9,115</b>	<b>9,176</b>	<b>8,975</b>	<b>8,836</b>	<b>8,876</b>	<b>9,099</b>	<b>-16</b>	<b>0%</b>
Early College	198	206	211	222	209	209	11	6%
McKay	1,855	1,824	1,968	2,083	2,228	2,334	479	26%
McNary	2,130	2,053	2,037	2,102	2,062	2,046	-84	-4%
North Salem	2,039	1,923	1,889	1,844	1,855	1,867	-172	-8%
Roberts	366	358	466	426	360	338	-28	-8%
South Salem	1,975	2,029	1,951	1,951	1,902	1,881	-94	-5%
Sprague	1,728	1,756	1,730	1,649	1,695	1,706	-22	-1%
West Salem	1,754	1,728	1,738	1,679	1,730	1,773	19	1%
<b>High School Total</b>	<b>12,045</b>	<b>11,877</b>	<b>11,990</b>	<b>11,956</b>	<b>12,041</b>	<b>12,154</b>	<b>109</b>	<b>1%</b>
Other Programs	324	243	258	284	254	276	-48	-15%
<b>District-run Total</b>	<b>40,063</b>	<b>39,751</b>	<b>39,758</b>	<b>40,031</b>	<b>40,248</b>	<b>40,775</b>	<b>712</b>	<b>2%</b>
Eagle Charter	0	0	120	143	144	140	140	--
Howard Street	152	162	163	160	161	156	4	3%
JGEMS	90	98	99	99	97	99	9	10%
OLE	125	134	132	130	129	129	4	3%
Valley Inquiry	146	162	163	167	168	165	19	13%
<b>Charter School Total</b>	<b>513</b>	<b>556</b>	<b>677</b>	<b>699</b>	<b>699</b>	<b>689</b>	<b>176</b>	<b>34%</b>
<b>Grand Total</b>	<b>40,576</b>	<b>40,307</b>	<b>40,435</b>	<b>40,730</b>	<b>40,947</b>	<b>41,464</b>	<b>888</b>	<b>2%</b>

Source: Salem-Keizer School District

**Table 5  
Enrollment Forecasts for Individual Schools, 2016-17 to 2035-36**

School	Historic	Forecast							Change 2015-16 to 2035-36	
	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2025-26	2035-36	number	percent
Auburn	654	646	645	629	618	634	679	750	96	15%
Battle Creek	542	568	570	571	555	559	585	626	84	15%
Brush College	254	267	277	281	283	271	390	579	325	128%
Bush	316	319	315	315	318	325	333	345	29	9%
Candalaria	354	358	351	344	336	336	366	414	60	17%
Chapman Hill	381	376	369	344	354	350	356	366	-15	-4%
Chavez	592	598	592	580	584	585	597	617	25	4%
Clear Lake	437	423	395	382	377	395	466	579	142	32%
Cummings	431	442	449	452	449	437	438	439	8	2%
Englewood	359	355	340	332	331	326	324	322	-37	-10%
Eyre	612	599	590	584	559	559	559	558	-54	-9%
Forest Ridge	224	230	224	220	215	225	233	245	21	9%
Four Corners	532	547	540	522	505	496	498	502	-30	-6%
Grant Community	427	427	423	416	417	413	428	452	25	6%
Gubser	528	528	528	529	529	529	543	568	40	8%
Hallman	435	448	455	460	451	465	467	470	35	8%
Hammond	522	510	513	508	505	504	504	504	-18	-3%
Harrit	514	538	555	545	545	563	585	620	106	21%
Hayesville	448	445	453	454	451	442	468	509	61	14%
Highland	413	409	414	395	385	381	381	379	-34	-8%
Hoover	502	495	488	480	470	455	472	500	-2	0%
Kalapuya	590	572	556	535	507	512	549	608	18	3%
Keizer	656	673	682	662	654	662	690	736	80	12%
Kennedy	458	458	437	432	415	422	430	442	-16	-3%
Lamb	491	498	484	481	477	488	493	501	10	2%
Lee	303	295	289	297	309	291	387	540	237	78%
Liberty	372	376	366	339	333	344	369	409	37	10%
McKinley	329	328	329	329	331	316	316	318	-11	-3%
Miller	424	412	410	421	418	428	438	455	31	7%
Morningside	386	374	377	381	389	393	444	525	139	36%
Myers	514	518	512	512	497	501	499	496	-18	-4%
Pringle	572	596	610	628	631	626	684	778	206	36%
Richmond	361	365	371	363	361	367	366	364	3	1%
Salem Heights	296	309	305	293	281	278	283	292	-4	-1%
Schirle	442	432	427	417	413	420	530	704	262	59%
Scott	641	653	636	624	617	624	629	637	-4	-1%
Sumpter	523	543	550	541	528	537	590	675	152	29%
Swegle	583	574	558	561	545	549	558	574	-9	-2%
Washington	415	413	401	396	391	396	394	390	-25	-6%
Weddle	455	445	439	429	424	426	437	454	-1	0%
Wright	420	422	410	406	390	392	395	399	-21	-5%
Yoshikai	538	545	551	557	556	549	579	626	88	16%
<b>Elementary Total</b>	<b>19,246</b>	<b>19,329</b>	<b>19,186</b>	<b>18,947</b>	<b>18,704</b>	<b>18,771</b>	<b>19,732</b>	<b>21,267</b>	<b>2,021</b>	<b>11%</b>

**Table 5 (continued)**  
**Enrollment Forecasts for Individual Schools, 2016-17 to 2035-36**

School	Historic	Forecast							Change 2015-16 to 2035-36	
	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2025-26	2035-36	number	percent
Claggert Creek	926	918	926	951	999	1,011	918	1,036	110	12%
Crossler	733	747	786	821	870	840	760	958	225	31%
Houck	957	961	986	1,027	1,070	1,053	952	1,079	122	13%
Judson	958	998	1,017	1,006	1,059	1,076	1,074	1,179	221	23%
Leslie	790	806	836	869	875	894	837	939	149	19%
Parrish	691	725	753	765	757	777	679	789	98	14%
Stephens	1,063	1,104	1,115	1,136	1,142	1,149	1,157	1,180	117	11%
Straub	607	565	551	568	577	589	560	684	77	13%
Waldo	995	1,020	1,073	1,062	1,105	1,064	1,065	1,070	75	8%
Walker	638	662	680	723	761	741	739	756	118	18%
Whiteaker	741	756	782	791	810	764	694	820	79	11%
<b>Middle School Total</b>	<b>9,099</b>	<b>9,262</b>	<b>9,505</b>	<b>9,719</b>	<b>10,025</b>	<b>9,958</b>	<b>9,434</b>	<b>10,490</b>	<b>1,391</b>	<b>15%</b>
Early College	209	209	209	209	209	209	209	209	0	0%
McKay	2,334	2,414	2,515	2,559	2,633	2,739	2,772	2,792	458	20%
McNary	2,046	2,000	1,986	1,992	1,999	2,058	2,256	2,207	161	8%
North Salem	1,867	1,815	1,807	1,834	1,889	1,931	2,004	2,009	142	8%
Roberts	338	337	337	337	337	337	337	337	-1	0%
South Salem	1,881	1,838	1,824	1,858	1,899	1,962	1,973	2,261	380	20%
Sprague	1,706	1,677	1,704	1,710	1,710	1,809	1,959	2,112	406	24%
West Salem	1,773	1,792	1,810	1,769	1,762	1,777	1,878	2,015	242	14%
<b>High School Total</b>	<b>12,154</b>	<b>12,082</b>	<b>12,192</b>	<b>12,268</b>	<b>12,438</b>	<b>12,822</b>	<b>13,388</b>	<b>13,942</b>	<b>1,788</b>	<b>15%</b>
Other Programs	276	276	276	276	276	276	276	276	0	0%
<b>District-run Total</b>	<b>40,775</b>	<b>40,949</b>	<b>41,159</b>	<b>41,210</b>	<b>41,443</b>	<b>41,827</b>	<b>42,830</b>	<b>45,975</b>	<b>5,200</b>	<b>13%</b>
Eagle Charter	140	139	139	139	139	139	139	139	-1	-1%
Howard Street	156	158	157	157	157	157	157	157	1	1%
JGEMS	99	100	101	100	99	99	99	99	0	0%
OLE	129	129	129	129	129	129	129	129	0	0%
Valley Inquiry	165	167	167	167	167	167	167	167	2	1%
<b>Charter School Total</b>	<b>689</b>	<b>693</b>	<b>693</b>	<b>692</b>	<b>691</b>	<b>691</b>	<b>691</b>	<b>691</b>	<b>2</b>	<b>0%</b>
<b>Grand Total</b>	<b>41,464</b>	<b>41,642</b>	<b>41,852</b>	<b>41,902</b>	<b>42,134</b>	<b>42,518</b>	<b>43,521</b>	<b>46,666</b>	<b>5,202</b>	<b>13%</b>

Source: Historic Enrollment, Salem-Keizer School District; Forecasts, PSU Population Research Center, August 2016

## **ENROLLMENT FORECAST METHODOLOGY**

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### ***District-wide Long-range Forecast Methodology***

To ensure that enrollment forecasts are consistent with the dynamics of likely population growth within the District, a grade progression enrollment model is combined with a demographic cohort-component model used to forecast population for the District by age and sex. The components of population change are births, deaths, and migration. Using age-specific fertility rates, age-sex specific mortality rates, age-sex specific migration rates, estimates of recent net migration levels, and forecasts of future migration levels, each component is applied to the base year population in a manner that simulates the dynamics of population change.

The 2000 and 2010 Census results are used as a baseline for the population forecasts. By “surviving” the 2000s population and 2000s births (estimating the population in each age group that would survive to the year 2010) and comparing the “survived” population to the actual 2010 population by age group, we are able to estimate the overall level of net migration between 2000 and 2010 as well as net migration by gender and age cohort. The net migration data was used to develop initial net migration rates, which were used as a baseline for rates used to forecast net migration for the 2010 to 2030 period.

We estimated the number of births to women residing within the District each year from 1999 to 2014, using data from the Oregon Department of Human Services, Center for Health Statistics. Detailed information including the age of mothers is incorporated in the establishment of age-specific fertility rates (ASFRs) for both 2000 and 2010.

The total fertility rate (TFR) is another measure for fertility; it is an estimate of the number of children that would be born to the average woman during her child-bearing years based on age-specific fertility rates observed at a given time. The estimated TFR for SKSD decreased from 2.23 in 2000 to 2.08 in 2010. Similar downward trends were observed in Marion County and the State during the past decade, although Polk County held steady at 1.85 during this time. State of Oregon TFRs decreased from 1.98 in 2000 to 1.79 in 2010, and Marion County TFRs decreased from 2.37 in 2000 to 2.22 in 2010.

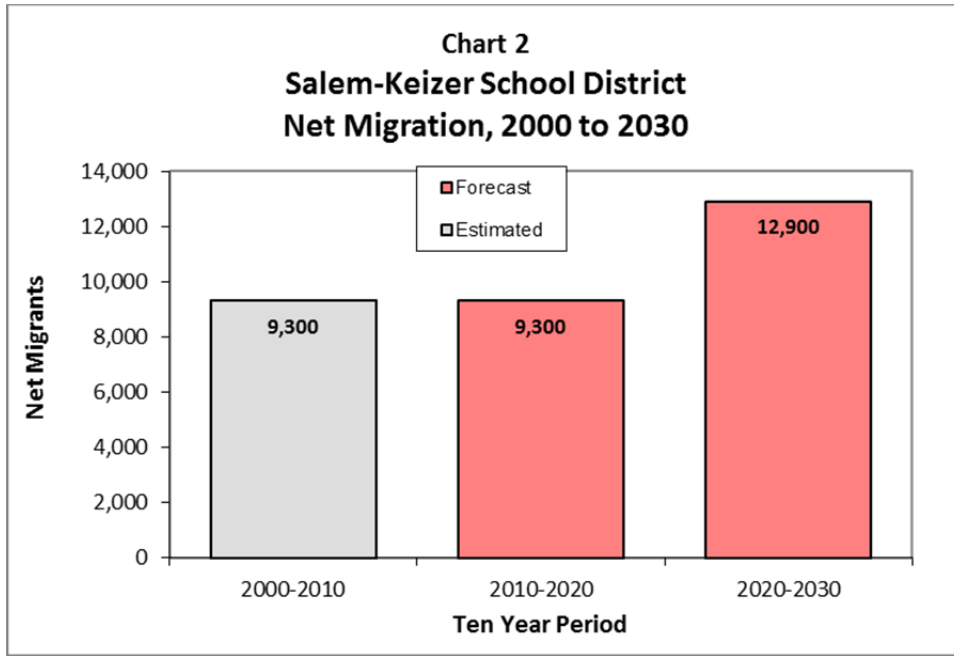
State and national long term trends indicate declining fertility rates for women under 30 and increasing rates for older women. We adjusted post-2010 fertility rates based on these trends, which are confirmed by data on SKSD births by age of mother observed through 2014. The adjustments resulted in a decrease in TFR from 2.08 in 2010 to 1.97 in 2015, and these are held constant through the 2030 population forecast horizon.

School enrollment is linked to population in two ways. First, the kindergarten and first grade enrollments at the time of the most recent census (the 2009-10 school year) are compared to the population at the appropriate ages counted in the census. The “capture rate,” or ratio of enrollment to population, is an estimate of the share of area children enrolled in SKSD schools. Assumptions for capture rates based on census data are used to bring new kindergarten and first grade students into the District. If there is evidence that capture rates have changed since the time of the census, they may be adjusted in the forecast. The attraction of free full-day kindergarten will likely ensure that the kindergarten capture rate remains relatively high; we assume a rate of 0.88 to 0.89 in the long run.

The other way that historic population and enrollment are linked is through migration. Annual changes in school enrollment by cohort closely follow trends in the net migration of children in the District’s population. Once the students are in first grade, a set of baseline rates are used to move students from one grade to the next. A grade progression rate (GPR) is the ratio of enrollment in an individual grade to enrollment in the previous grade the previous year. Baseline rates, usually 1.00 for elementary grades, represent a scenario under which there is no change due to migration. Enrollment change beyond the baseline is added (or subtracted, if appropriate) at each grade level depending on the migration levels of the overall population by single year of age.

**Population Forecast**

Chart 2 shows the 2000 to 2010 estimates and 2010 to 2030 forecasts of SKSD population growth attributable to net migration. SKSD recorded net migration of 9,300 in the first decade of the century, and is expected to reach about the same amount during the 2010 to 2020 period. The level is forecast to increase to approximately 12,900 in the 2020 to 2030 decade.



The 2010 population for the SKSD was 242,600, an increase of 25,918 persons from the 2000 Census (1.1 percent average annual growth rate, or AAGR). The forecast for 2020 population is 264,607, an increase of 22,007 persons from the 2010 Census (0.9 percent AAGR). The 2030 population forecast is 288,553, an additional increase of 23,946 persons (0.9 percent AAGR).

School-age population (5 to 17) increased by 4,495 persons between 2000 and 2010, and fell slightly as a share of total population to 18.6 percent. Its share is forecast to decline further in the forecast, to 17.8 percent in 2020 and 17.1 percent in 2030.

The population forecast is detailed in Table 6.



**Table 6**  
**Population by Age Group**  
**Salem-Keizer School District, 2000 to 2030**

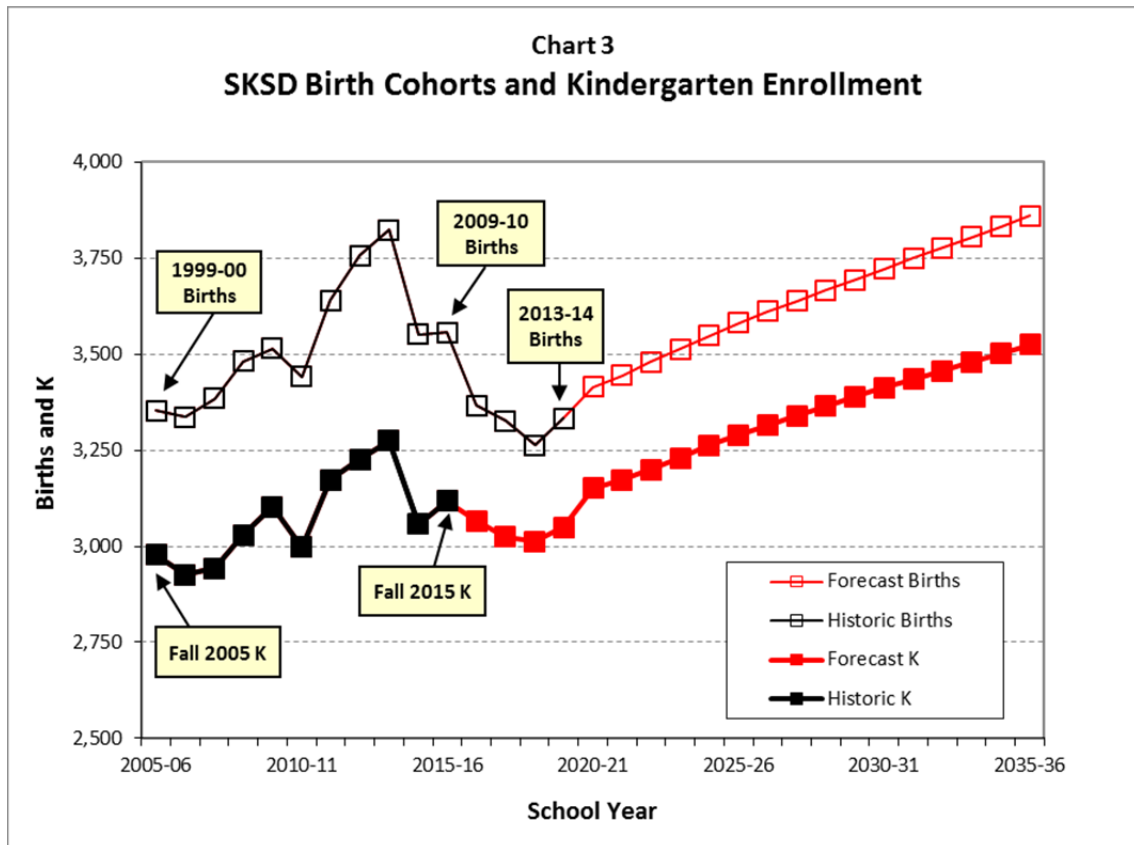
	2000	2010	2020	2030	2010 to 2030 Change	
	Census	Census	Forecast	Forecast	Number	Percent
Under Age 5	16,388	17,931	17,581	19,008	1,077	6%
Age 5 to 9	15,847	17,345	17,489	19,130	1,785	10%
Age 10 to 14	15,334	17,220	18,690	18,975	1,755	10%
Age 15 to 17	9,344	10,455	10,800	11,144	689	7%
Age 18 to 19	6,546	7,190	7,272	7,776	586	8%
Age 20 to 24	16,242	17,020	18,880	20,700	3,680	22%
Age 25 to 29	16,050	17,482	19,294	19,983	2,501	14%
Age 30 to 34	15,464	16,732	17,711	19,708	2,976	18%
Age 35 to 39	15,961	15,654	17,329	19,246	3,592	23%
Age 40 to 44	16,115	15,232	16,508	17,703	2,471	16%
Age 45 to 49	15,713	15,657	15,440	17,140	1,483	9%
Age 50 to 54	13,978	16,112	15,103	16,526	414	3%
Age 55 to 59	9,787	15,435	15,261	15,212	-223	-1%
Age 60 to 64	7,376	13,093	15,150	14,229	1,136	9%
Age 65 to 69	6,394	9,030	14,055	13,961	4,931	55%
Age 70 to 74	6,223	6,633	11,445	13,333	6,700	101%
Age 75 to 79	5,913	5,319	7,271	11,317	5,998	113%
Age 80 to 84	4,097	4,414	4,616	7,937	3,523	80%
Age 85 and over	3,910	4,646	4,712	5,525	879	19%
<b>Total Population</b>	<b>216,682</b>	<b>242,600</b>	<b>264,607</b>	<b>288,553</b>	<b>45,953</b>	<b>19%</b>
Total age 5 to 17	40,525	45,020	46,979	49,249	4,229	9%
share age 5 to 17	18.7%	18.6%	17.8%	17.1%		

	2000-2010	2010-2020	2020-2030
<b>Population Change</b>	<b>25,918</b>	<b>22,007</b>	<b>23,946</b>
Percent	12%	9%	9%
Average Annual	1.1%	0.9%	0.9%

Source: U.S. Census Bureau, 2000, and 2010 Censuses; data aggregated to SKSD boundary by Portland State University Population Research Center. PSU-PRC Forecasts, 2020 and 2030.

**District-wide Enrollment Forecast**

Chart 3 compares the historic and forecast number of births in the District with the historic and forecast number of SKSD kindergarten students. Births correspond to kindergarten cohorts (September to August). Many children move into and out of the District between birth and age five, and not all District residents attend SKSD kindergartens, so the difference between lagged births and SKSD kindergarten enrollment represents a combination of net migration and the kindergarten capture rate. The chart illustrates the close relationship between births and subsequent kindergarten enrollments. Over the 11 year historic period, the ratio of kindergarten enrollment to births five years earlier has not been less than 0.85 or more than 0.89. The uptick in kindergarten enrollment in 2015-16 outpaced the corresponding 2009-10 birth increase, possibly due to both increased migration and an increased kindergarten capture rate due to implementation of all-day kindergarten.



### ***Individual School Forecast Methodology***

Forecasts for individual schools are prepared under a scenario in which current boundaries and grade configurations remain constant. Program changes, open enrollment policies in neighboring districts, school choice policies, boundary adjustments, or other decisions about individual schools and the students they serve could impact enrollment in ways that these forecasts do not anticipate. The individual school forecasts depict what future enrollments might be if facilities, programs, and boundaries remain unchanged from 2015-16 to 2035-36.

Forecasts for elementary schools through 2020-21 are based on assumptions about the size of incoming kindergarten classes and grade progression rates. Information about births, recent enrollment trends, and current and future housing development influence these assumptions. For secondary schools through 2020-21, GPRs for incoming grades apply to feeder school enrollments. For example, 6<sup>th</sup> grade enrollments at a middle school are dependent upon 5<sup>th</sup> grade enrollments at its feeders and assumptions about expected ratio of 6<sup>th</sup> to 5<sup>th</sup> graders.

For elementary schools in 2025-26 and all school levels in 2035-36, enrollments are based on the 2020-21 enrollment forecasts and the Mid-Willamette Valley Council of Governments 2014 Transportation Analysis Zone (TAZ) forecasts by housing type, allocated to school attendance areas by PRC. The 2025-26 forecasts for secondary schools incorporate the TAZ forecasts as well as the 2020-21 feeder school forecasts. That is, 1<sup>st</sup>-3<sup>rd</sup> grade enrollments in 2020-21 influence the 2025-26 middle school enrollments, and 4<sup>th</sup>-7<sup>th</sup> grade enrollments in 2020-21 influence the 2025-26 high school enrollments. Because of the decline in births observed between 2008 and 2013, district-wide elementary enrollment falls between 2015-16 and 2020-21, followed by declining enrollments at several SKSD middle schools between 2020-21 and 2025-26. Aside from this anomaly, enrollments generally grow at all school levels in the long run, with the largest increases at schools whose attendance areas have the greatest capacity for housing growth.

Because trends in larger geographic areas are less volatile than in smaller areas, the forecasts are prepared top-down, with forecasts for the six high school feeder systems prepared first, consistent with the district-wide forecasts, and forecasts for each school consistent with the feeder system totals.