

Regional School Unit 21 Enrollment Projections

Dr. Katie Hawes
Superintendent of Schools
khawes@rsu21.net

Kennebunk Comprehensive Planning Committee
May 11, 2016

2015 School Enrollment Projections Report Planning Decisions. Inc.

- Standard statistical model
- Project enrollment through 2024-25 school year
- Previous study conducted in 2010 by the same firm
- Those projections were on the low side but within the stated margin of error
- Margin of error is +/- 10% for grades K-8 and +/- 5% for grades 9-12

2015-25 Projections Based Upon

- Historical enrollment patterns
- Population, economic, and labor trends
- U.S. Census data
- Historical and projected housing development
- First grade class sizes
- Net preschool migration trends
- Number of live births and birth trends

2015-25 Projections Do Not Take Into Account

- Additional Arundel Students who will choose to enter KHS (MS contract expires June 2016)
- Our greatest number of student move-ins occur at our upper elementary school grades
- The potential impact of our school construction projects

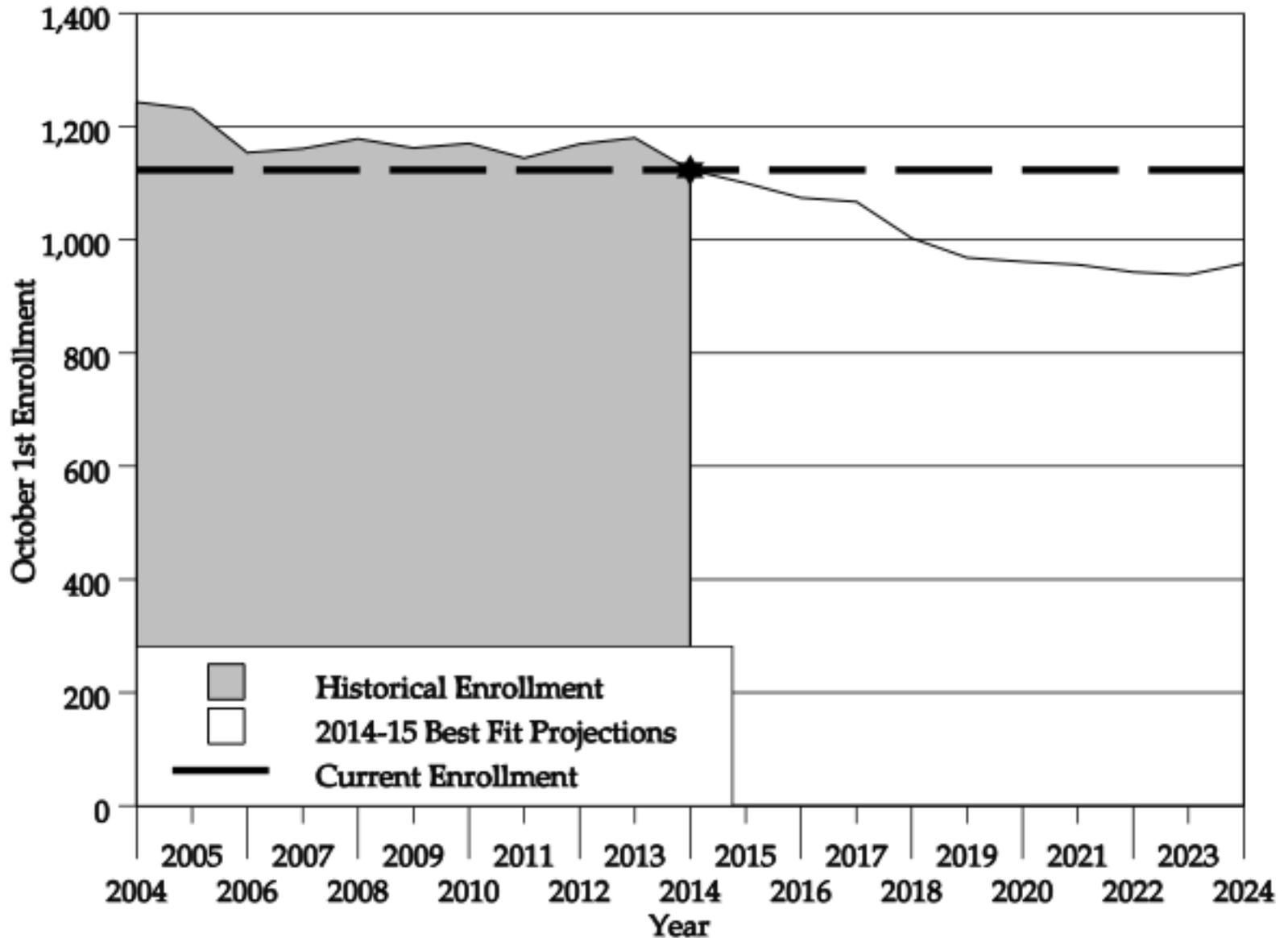
Attending School Enrollment Projection Ranges - 2015-16 to 2024-25 (K-12)
RSU 21 - 2014-15 Best Fit Model

School Year	Grades (K-5)			Grades (6-8)			Grades (9-12)			Total All Grades (K-12)		
	-10%	Proj.	+10%	-10%	Proj.	+10%	-5%	Proj.	+5%	-Sum	Proj.	+Sum
2014-15*		1,123			637			820			2,580	
2015-16	990	1,100	1,210	577	641	705	763	803	843	2,330	2,544	2,758
2016-17	967	1,074	1,181	592	658	724	755	795	835	2,314	2,527	2,740
2017-18	960	1,067	1,174	552	613	674	783	824	865	2,295	2,504	2,713
2018-19	903	1,003	1,103	569	632	695	779	820	861	2,251	2,455	2,660
2019-20	871	968	1,065	562	624	686	792	834	876	2,225	2,426	2,627
2020-21	865	961	1,057	558	620	682	781	822	863	2,204	2,403	2,602
2021-22	860	956	1,052	518	575	633	773	814	855	2,151	2,345	2,539
2022-23	849	943	1,037	499	554	609	776	817	858	2,123	2,314	2,505
2023-24	844	938	1,032	495	550	605	745	784	823	2,084	2,272	2,460
2024-25	862	958	1,054	473	525	578	740	779	818	2,075	2,262	2,449

Sources: *2014-15 - current enrollment based on October 1st Resident enrollment, all other years - Projected by Planning Decisions, Inc., September 2015.

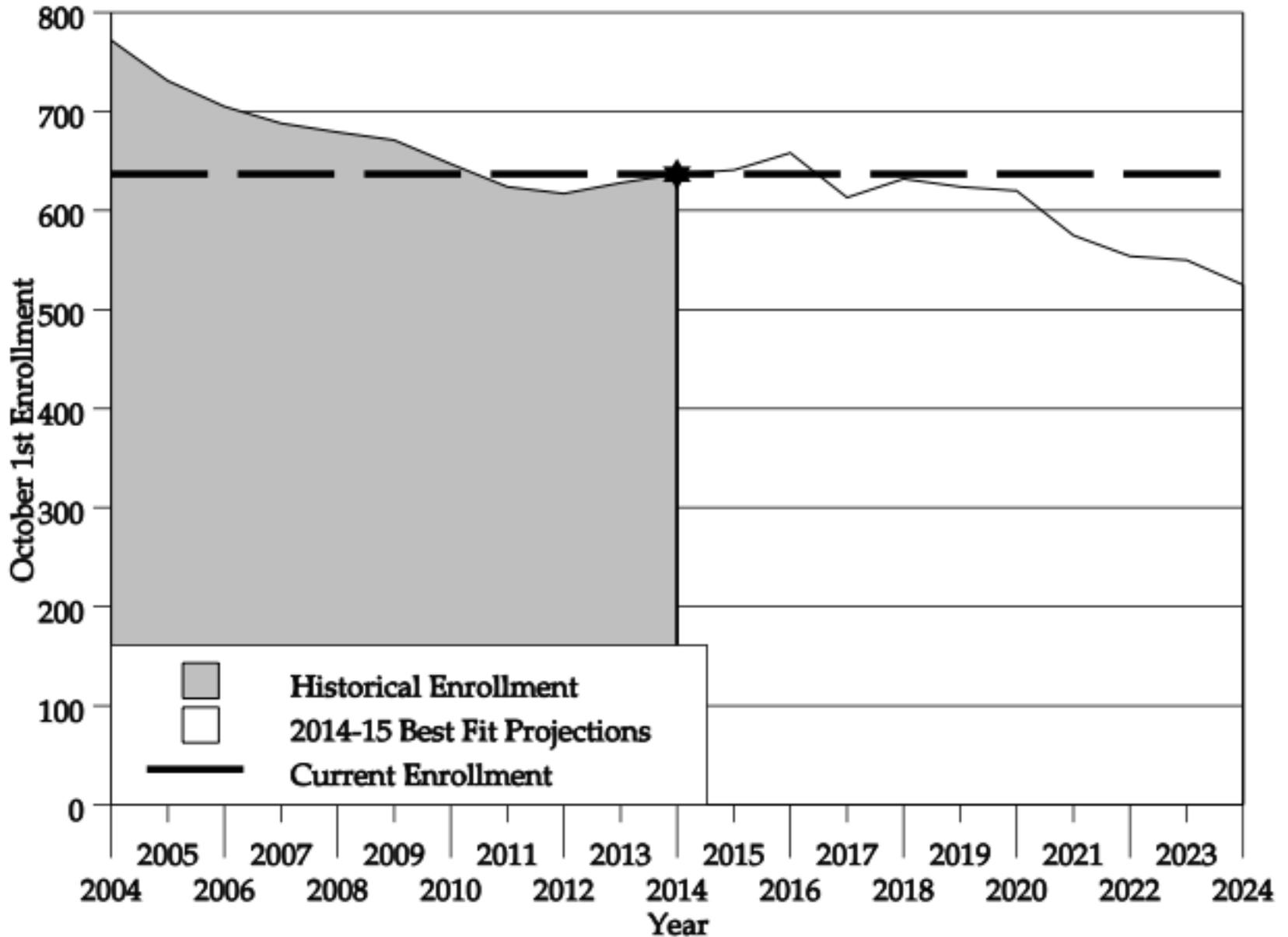
K-5 Attending Enrollment Trends & Projections 2004-2024

RSU 21



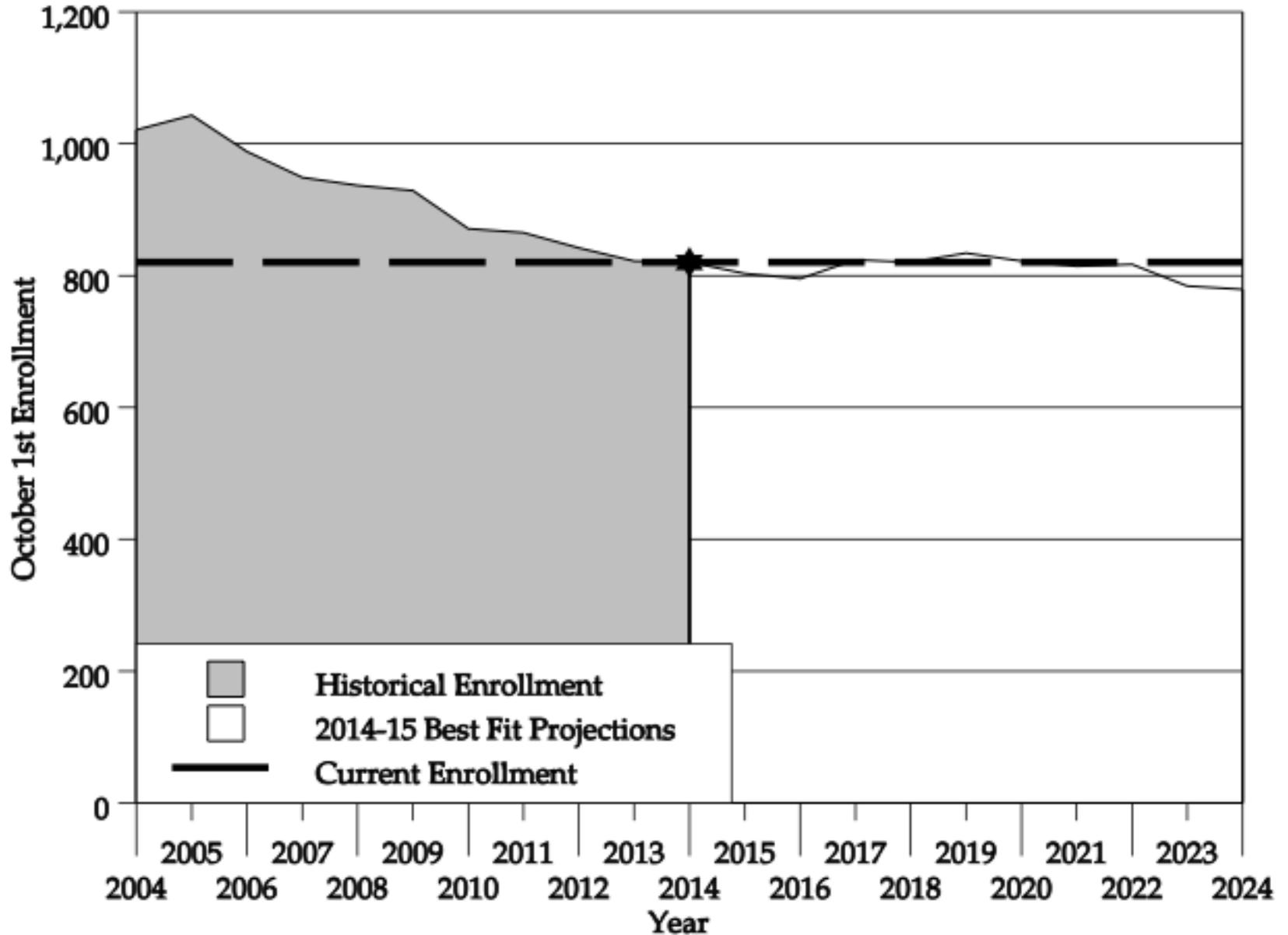
6-8 Attending Enrollment Trends & Projections 2004-2024

RSU 21



9-12 Attending Enrollment Trends & Projections 2004-2024

RSU 21



Main Impacts on Future School Enrollment

- Economic Conditions
- Population Trends
- Residential Development

Economic Conditions from 2009-2013

Civilian Labor Force

- RSU 21 – 2.7% decline
- Portland / Biddeford Region – 3.5% increase
- State of Maine – 1.6% increase

Unemployment

- RSU 21 – decline from 7% to 6.2%
- Portland / Biddeford Region – decline 6.7% to 5.5%
- State of Maine – decline from 8.1% to 6.6%

Implications

- Some recovery from the recession is occurring
- Changes have had an impact on RSU 21 enrollment over the past 3-5 years
- Future changes to the workforce will impact future enrollment

Population Trends 2000-2010

Current

- Total Population
 - RSU 21 – 3% increase
 - York County – 5% increase
 - State of Maine – 4.2%
- Under 18
 - RSU 21 – declined 14.2%
 - York County – declined 9%
 - State of Maine – declined 11.1%

Potential

- Women over 45
 - RSU 21 – increased 29.3%
 - York County – increased 28.7%
 - State of Maine – increased 22.8%

Implications

- Aging Population
- More women over 45 indicates fewer children born

Residential Development 2000-2010

Year-round Housing 2000-2010

- RSU 21 – increased 13.2%
- York County – increased 12.2%
- State of Maine – increased 9.6%

Annual New Housing In RSU 21

- Average since 2005 – 92
- Average 2005-2009 – 109
- Average 2010-2014 – 74

Table VI-3 - Year-Round Housing Unit Trends - 2000 - 2010

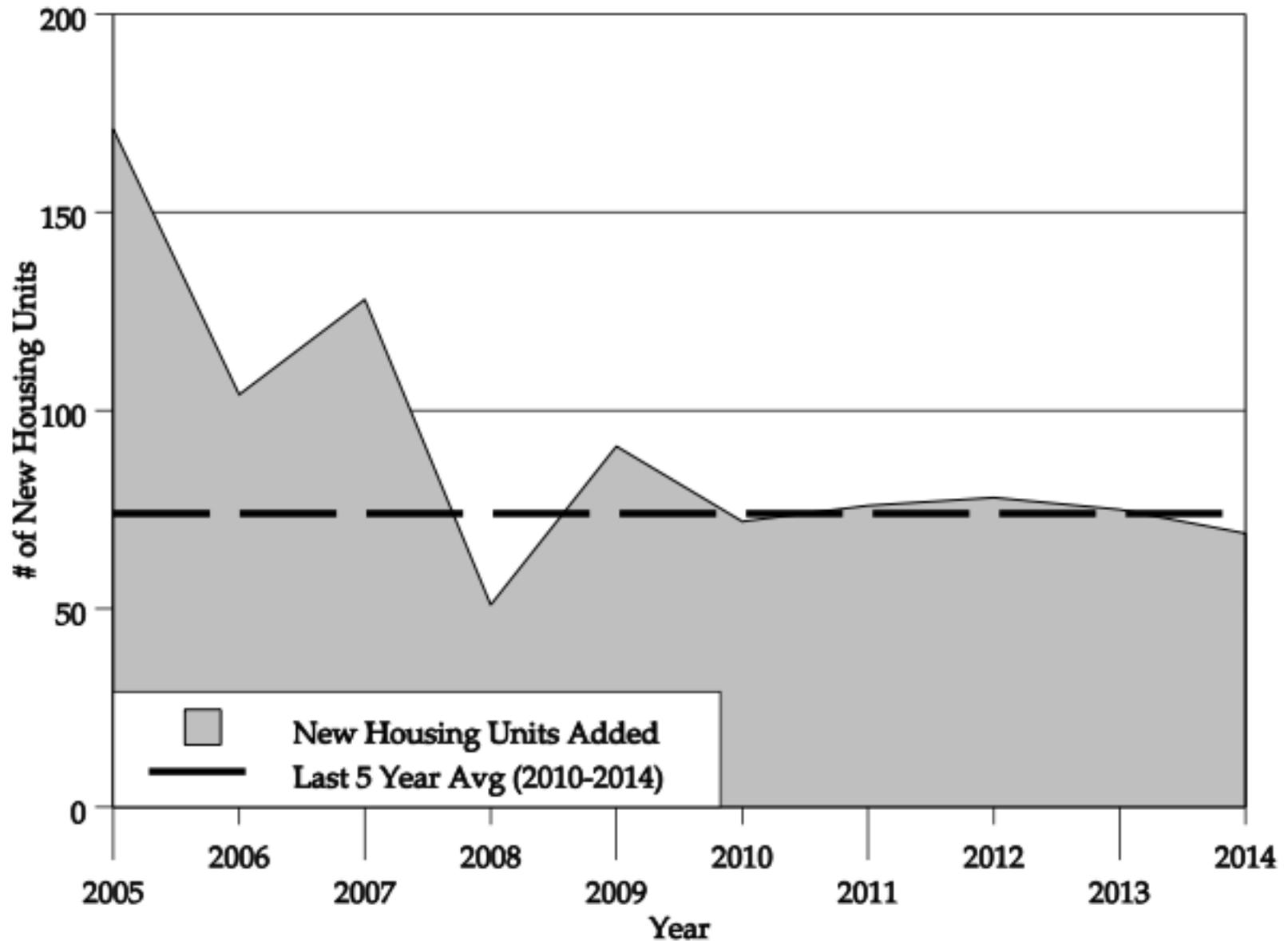
RSU 21 vs. York County and the State of Maine

Area	# of Year-Round Housing Units		Change (2000-2010)		Average # Added/Year
	2000	2010	# of units	% Change	
<i>Arundel</i>	1,386	1,637	251	18.1%	25
<i>Kennebunk</i>	4,362	4,993	631	14.5%	63
<i>Kennebunkport</i>	1,681	1,778	97	5.8%	10
RSU 21	7,429	8,408	979	13.2%	98
York County	77,629	87,103	9,474	12.2%	947
State of Maine	550,361	603,360	52,999	9.6%	5,300

Source: 2000 and 2010 U.S. Census.

New Housing Units, 2005 to 2014

RSU 21



Implications

- RSU 21 is experiencing a higher increase in new, year round housing, increases than York County and the State of Maine
- Unless significant changes occur in economic development, new housing units in RSU 21 will likely continue at an average of 74 per year.
- If Economic Conditions improve, specifically in the labor force, new residential development could return to higher levels (as seen in 2005-07).

In Conclusion

- It is in the best interest of RSU 21 to support economic development in terms of labor, housing, and population trends. Sustained or increased population creates efficiency, lower taxes, and more instructional opportunities.
- Even for those folks without kids in our schools, good schools increase property values, improve the common good of the community, and contribute to economic growth.