

Walter Johnson Cluster: Secondary School Projections

SCHOOLS	OFFICIAL ENROLLMENT 2015-16	PROJECTED ENROLLMENT								
		2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2025	2030	
Walter Johnson H.S.										
<i>Program Capacity</i>	2335	2335	2335	2335	2335	2335	2335	2335	2335	2335
Enrollment	2289	2304	2356	2466	2649	2763	2865	3000	3100	3100
<i>space available</i>	46	31	-21	-131	-314	-428	-530	-665	-765	-765
North Bethesda M.S.										
<i>Program Capacity</i>	864	864	864	1229	1229	1229	1229	1229	1229	1229
Enrollment	1028	1133	1183	1200	1206	1194	1181	1300	1200	1200
<i>space available</i>	-164	-269	-319	29	23	35	48	-71	29	29
Tilden M.S.										
<i>Program Capacity</i>	939	939	939	939	939	1200	1200	1200	1200	1200
Enrollment	850	939	959	992	1024	1094	1132	1300	1300	1300
<i>space available</i>	89	0	-20	-53	-85	106	68	-100	-100	-100

Walter Johnson Cluster: Elementary School Projections

SCHOOLS	OFFICIAL ENROLLMENT	PROJECTED ENROLLMENT								
		2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2025	2030
		Ashburton E.S.	<i>Program Capacity</i>	652	652	652	652	881	881	881
	Enrollment	911	924	926	917	895	890	886		
	<i>space available</i>	-259	-272	-274	-265	-14	-9	-5		
						Addition opens				
Farmland E.S.	<i>Program Capacity</i>	729	729	729	729	729	729	729		
	Enrollment	691	734	762	755	744	747	745		
	<i>space available</i>	38	-5	-33	-26	-15	-18	-16		
Garrett Park E.S.	<i>Program Capacity</i>	752	752	752	752	752	752	752		
	Enrollment	804	844	874	902	904	902	880		
	<i>space available</i>	-52	-92	-122	-150	-152	-150	-128		
Kensington-Parkwood E.S.	<i>Program Capacity</i>	472	472	472	746	746	746	746		
	Enrollment	644	664	672	685	688	706	715		
	<i>space available</i>	-172	-192	-200	61	58	40	31		
					Addition opens					
Luxmanor E.S.	<i>Program Capacity</i>	429	429	429	429	745	745	745		
	Enrollment	429	442	457	472	500	512	542		
	<i>space available</i>	0	-13	-28	-43	245	233	203		
						Rev/Ex opens				
Wyngate E.S.	<i>Program Capacity</i>	778	778	778	778	778	778	778		
	Enrollment	755	737	733	740	726	726	745		
	<i>space available</i>	23	41	45	38	52	52	33		
Cluster Elementary	<i>Program Capacity</i>	3812	3812	3812	4086	4631	4631	4631	4631	4631
	Enrollment	4234	4345	4424	4471	4457	4483	4513	4800	4800
	<i>space available</i>	-422	-533	-612	-385	174	148	118	-169	-169

Addition to North Bethesda MS scheduled to open in August 2018. Revitalization/expansion of Tilden MS scheduled to open in August 2020.

Addition at Ashburton ES scheduled to open in August 2019. Addition at Kensington-Parkwood ES scheduled to open in August 2018.

Revitalization/expansion of Luxmanor ES scheduled to open in January 2020.

Updated "Southwest" Housing Yield Factors - February 2016

	Factors (number of students generated per unit)		
Southwest Region	Elementary	Middle	High
Single Family Detached	0.330	0.167	0.155
Single Family Attached	0.144	0.064	0.073
Multi-Family Low to Mid Rise	0.100	0.043	0.054
Multi-Family High Rise	0.052	0.022	0.029

Bethesda-Chevy Chase, Churchill, Walter Johnson, Richard Montgomery, Rockville, Whitman and Wootton clusters.

Previous "Southwest" Housing Yield Factors - December 2013

	Factors (number of students generated per unit)		
Southwest Region	Elementary	Middle	High
Single Family Detached	0.323	0.132	0.153
Single Family Attached	0.166	0.072	0.099
Multi-Family Low to Mid Rise	0.075	0.031	0.047
Multi-Family High Rise	0.042	0.017	0.023

Bethesda-Chevy Chase, Churchill, Walter Johnson, Richard Montgomery, Rockville, Whitman and Wootton clusters.

Updated "Southwest" Multi-Family Yield Factors - February 2016

	Factors (number of students generated per unit)		
Southwest Region	Elementary	Middle	High
Multi-Family Low to mid Rise	0.100	0.043	0.054
Multi-Family High Rise	0.052	0.022	0.029

Bethesda-Chevy Chase, Churchill, Walter Johnson, Richard Montgomery, Rockville, Whitman and Wootton clusters.

Walter Johnson Cluster Multi-Family Yield Factors - February 2016

	Factors (number of students generated per unit)		
Walter Johnson Cluster	Elementary	Middle	High
Multi-Family Low to mid Rise	0.077	0.034	0.032
Multi-Family High Rise	0.044	0.014	0.017

Sample of 16 multi-family buildings, with 1,252 MF -MR units, and 4,707 MF -HR units.

Walter Johnson Cluster Multi-family Housing Samples

Yields from February 11, 2016

School Service Area	Complex Name	Address	Number of Units	Students Residing in Units			Student Generation Ratio (# of Students/ # Units)		
				Elementary	Middle	High	Elementary	Middle	High
Ashburton ES	Grosvenor Park	10201 & 10401 Grosvenor Place and 10500 Rockville Pike	1235 high rise	30	9	10	0.024	0.007	0.008
	Avalon at Rock Springs	Rock Forest Drive	414 mid-rise	41	18	23	0.099	0.043	0.056
	Jefferson at Inigo's Crossing	5405 Tuckerman Lane	473 high rise	36	11	16	0.076	0.023	0.034
Garrett Park ES	The Grande	5801 Nicholson Lane	546 high rise	32	13	10	0.059	0.024	0.018
	Meridian at Grosvenor Station	5230 Tuckerman Lane	301 high rise	16	1	3	0.053	0.003	0.010
	North Bethesda Market West	11351 Woodglen Drive	201 mid-rise	21	5	1	0.104	0.025	0.005
	North Bethesda Market East	11418 Rockville Pike	187 high rise	5	2	1	0.027	0.011	0.005
Luxmanor ES	The Gallery at White Flint	11710 Old Georgetown Road	453 high rise in two buildings	11	2	8	0.024	0.004	0.018
	The Sterling	11700 Old Georgetown Road	197 high rise	10	5	8	0.051	0.025	0.041
	Wentworth at N. Beth. Cntr. (LCOR)	5411 McGrath Boulevard	312 high rise	16	3	3	0.051	0.010	0.010
	Aurora at N. Beth. Cntr. (LCOR)	5401 McGrath Boulevard	341 high rise	13	8	1	0.042	0.026	0.003
	Midtown North Bethesda	5750 Bou Avenue	230 high rise	2	2	3	0.009	0.009	0.013
	Windsor Villa	11750, 11800 Old Georgetown Rd.	261 mid-rise	16	5	7	0.061	0.019	0.027
	Strathmore Court	5440 Marinelli Road	202 mid-rise	14	13	8	0.069	0.064	0.040
	The Monterey	5901 Montrose Road	432 high rise	38	11	17	0.088	0.025	0.039
	Persei Apts	900 Persei Place	174 mid rise	4	1	1	0.009	0.002	0.002
TOTALS			1,252 mid-rise	96	42	40	0.077	0.034	0.032
			4,707 high rise	209	67	80	0.044	0.014	0.017

Number of Students Residing in New Housing Occupied From 2007 to 2015

February 17, 2016

Housing Complex	Number of New Units Occupied 2007 to 2015	Students Residing in New Housing			Elementary School Service Area
		K-5	6-8	9-12	
Jefferson at Indigo's Crossing	473 MF High-rise	40	10	14	Ashburton
Meridian at Grosvenor Station	301 MF High-rise	16	0	3	Garrett Park
North Bethesda Market I - East (NoBe)	187 MF High-rise	5	2	0	Garrett Park
The Sterling	197 MF High-rise	10	5	9	Luxmanor
Wentworth House at North Bethesda Center	312 MF High-rise	20	3	2	Luxmanor
The Aurora at North Bethesda Center	341 MF High-rise	8	8	1	Luxmanor
Subtotal High-rise	1,811 High-rise	99	28	29	
Avalon at Rock Springs	414 MF Mid-rise	41	19	23	Ashburton
North Bethesda Market I - West (NoBe)	201 MF Mid rise	21	4	1	Garrett Park
PerSei	174 MF Mid-rise	3	0	1	Luxmanor
Subtotal Mid-rise	789 Mid-rise	65	23	25	
Symphony Park	112 TH	8	4	7	Garrett Park
Number of Students from New Housing		172	55	61	

Projects listed were completed and occupied between 2007 and 2015.

Amount of Enrollment Increase Attributed to New Housing Completions, 2007 to 2015

School Level	Number of Students Residing in New Housing	Total School Enrollment Change	Approximate Percent of Enroll Increase from New Housing
Elementary (Ashburton + Garrett Park + Luxmanor)	172	765	22.5%
Middle (North Bethesda + Tilden)	55	454	12.1%
High (Walter Johnson)	61	328	18.6%

Combined, enrollment at Ashburton ES, Garrett Park ES and Luxmanor ES increased by 765 students from 2007 to 2015.

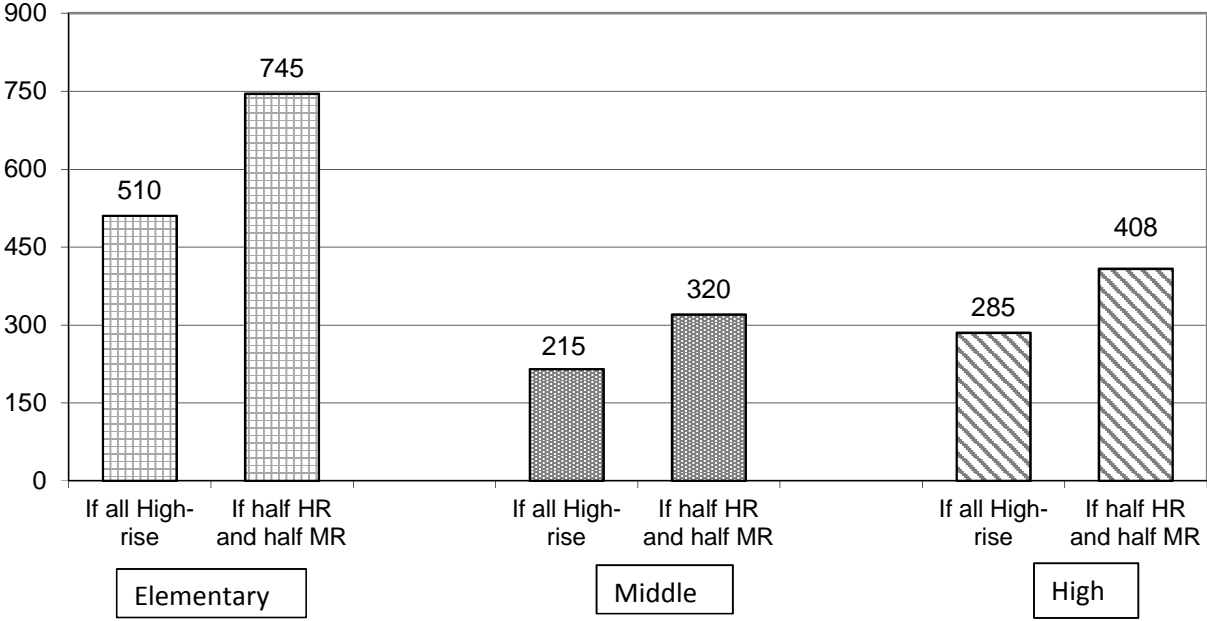
Combined, enrollment at North Bethesda MS and Tilden MS increased by 454 students from 2007 to 2015.

Enrollment increased by 328 students at Walter Johnson HS from 2007 to 2015.

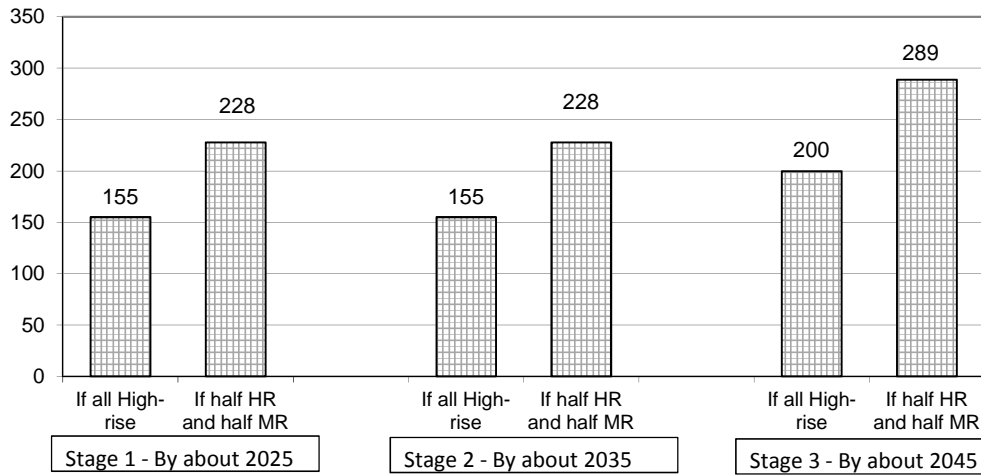
Enrollment increases not attributed to new housing are caused by the followin factors:

- * Increases in births in school service areas.
- * The aging of larger cohorts of students up through the grades.
- * Migration of students into school service areas caused by turnover of existing housing to households with school-age children, preschoolers, or plans to have children.
- * Movement of students from private schools into public schools, especially in the aftermath of the Great Recession.

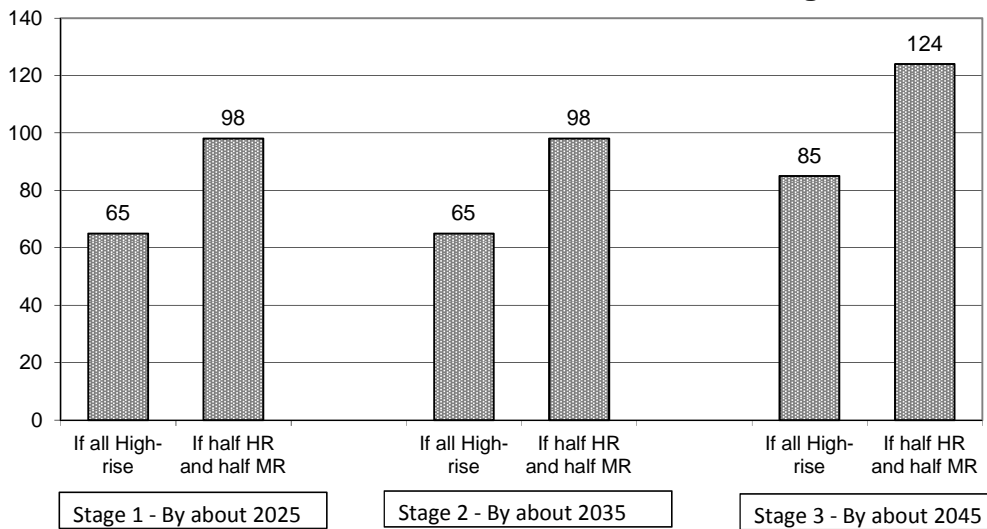
**White Flint Sector Plan -
Estimated Students at Build-out of 9,800 Units
Based on 2016 Southwest Region Rates**



White Flint Sector Plan - Elementary School Students Estimated in Each Stage



White Flint Sector Plan - Middle School Students Estimated in Each Stage



White Flint Sector Plan - High School Students Estimated in Each Stage

