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GARRISON ELEMENTARY SCHOOL

Focus Group Meeting
Tuesday, December 2, 2014



DISTRICT OF COLUMBIA
PUBLIC SCHOOLS

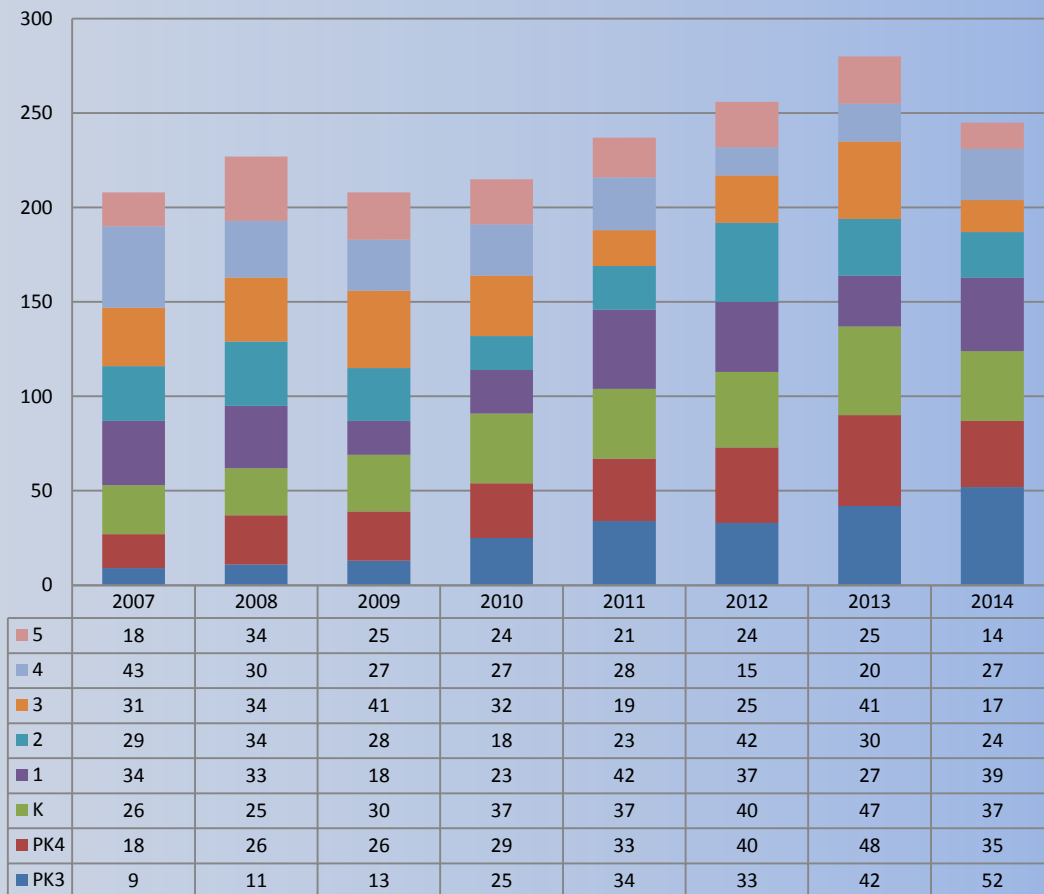
AGENDA

- Introductions
- Review of Garrison Enrollment
- Project Status
- Questions & Answers
- Next Steps

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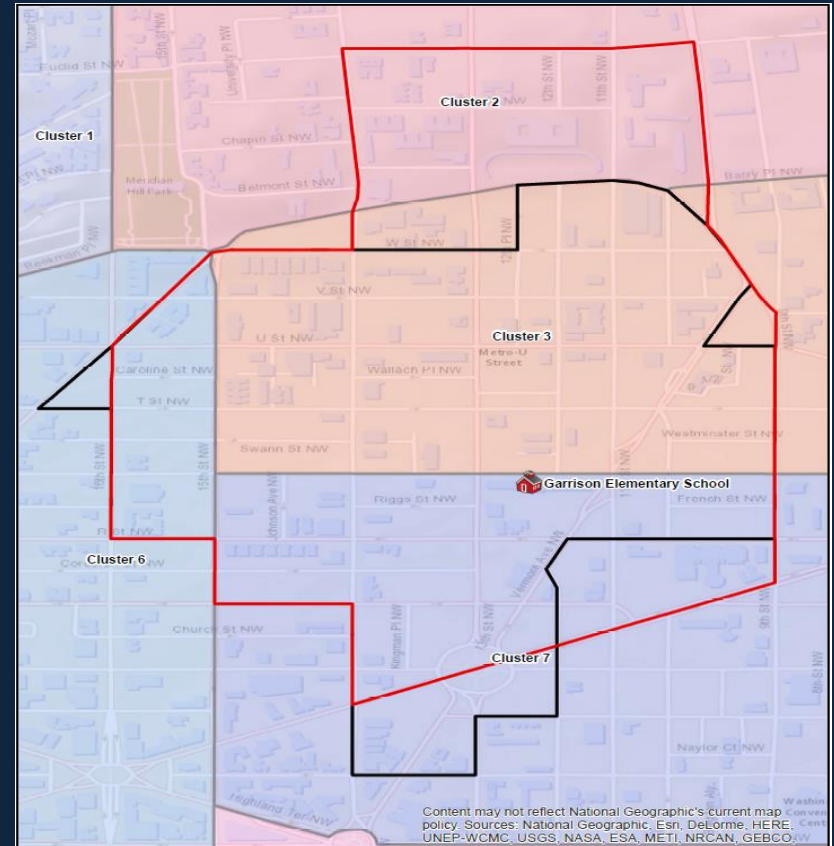


- Between the period SY07-08 to SY14-15, Garrison's enrollment peaked at 280 students in SY13-14, but dropped to 245 (Unofficial) in SY14-15.
- Between SY07-08 to SY14-15 the average annual percentage change in total enrollment was +2.7%.
- Between SY10-11 and SY14-15, the average annual percentage change in total enrollment was +3.6%.



Population Projections Neighborhood Cluster's in the Garrison Boundary

- The D.C. Office of Planning prepared population projections at the Neighborhood Cluster level.
- The Garrison building is located in Cluster 7, but the boundary includes areas in Clusters 2, 3, 6 & 7.
- Using the new attendance boundary, each Cluster makes up the following % of the total area of the boundary:
 - Cluster 6: 8.1%
 - Cluster 2: 16.2%
 - Cluster 7: 28.9%
 - Cluster 3: 46.8%



Age 4-10 Population Projections

DC Office of Planning Age 4-10 Population Projections														
Neighborhood Cluster	Weight Applied	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Cluster 6	0.081	202	228	265	323	428	524	635	752	887	1024	1152	1250	1355
Cluster 2	0.162	2574	2734	2938	3070	3267	3773	4252	4683	5090	5434	5809	6131	6135
Cluster 7	0.289	610	651	716	800	890	1029	1184	1318	1465	1580	1693	1781	1827
Cluster 3	0.468	269	296	342	398	478	567	664	765	868	963	1054	1127	1199
Weighted Total		735	787	864	940	1044	1215	1392	1557	1725	1869	2015	2135	2191
% Change from Previous Yr			7%	10%	9%	11%	16%	15%	12%	11%	8%	8%	6%	3%

- DCPS received year-by-year population projections for each age and Neighborhood Cluster.
- Because the Neighborhood Cluster geography does not align with the Attendance Boundary, weights (based on area) were applied to the age 4-10 population projections in each cluster to better estimate the projected growth within the boundary.
- The DME Boundary study noted a 90% population increase for cluster 7. Using the weighted approach, the population change from 2014 to 2020 is closer to 93%.
- The Office of Planning projected a **42%** increase in the 4-10 population from 2010 to 2014. The Garrison enrollment saw only a **15%** increase in their enrollment for the same period



Enrollment Projections for Garrison

- Enrollment projections were prepared using a Grade Progression Ratio (GPR), or Cohort Survival methodology.
- The GPR is developed by dividing the enrollment from one grade by the enrollment one grade lower in the previous year.
 - 4 year average GPR was used
 - 4 year average PK3 and PK4 enrollments were used.
- The projections show a gradual increase in population and then a leveling off around 290-295 students.

Garrison Enrollment Projections										
	Grade									% Change from Previous Year
	PK3	PK4	K	1	2	3	4	5	Tot	
Actual 2010	24	29	37	23	17	32	27	24	213	N/A
Actual 2011	34	33	37	42	23	19	28	21	237	11%
Actual 2012	33	40	40	37	42	25	15	24	256	8%
Actual 2013	42	48	47	27	30	41	20	25	280	9%
Un-Audited 2014	52	35	37	39	24	17	27	14	245	-13%
2015 Projection	40	39	39	34	36	22	13	27	251	2%
2016 Projection	42	41	43	35	31	34	18	13	257	2%
2017 Projection	44	41	45	39	33	29	26	18	275	7%
2018 Projection	45	39	45	41	36	31	23	26	285	4%
2019 Projection	43	40	43	41	38	34	24	23	285	0%
2020 Projection	43	40	44	39	38	35	27	24	290	2%
2021 Projection	44	40	44	40	36	36	28	27	294	1%
2022 Projection	44	40	44	40	37	34	28	28	294	0%
Example of how a cohort progresses through school using GPR.										
Garrison Grade Progression Ratios (GPR)										
	PK4 to K	K to 1	1 to 2	2 to 3	3 to 4	4 to 5				
2010/2011 GPR	1.28	1.14	1.00	1.12	0.88	0.78				
2011/2012 GPR	1.21	1.00	1.00	1.09	0.79	0.86				
2012/2013 GPR	1.18	0.68	0.81	0.98	0.80	1.67				
2013/2014 GPR	0.77	0.83	0.89	0.57	0.66	0.70				
Average GPR	1.11	0.91	0.92	0.94	0.78	1.00				

Note: Projections are draft

Summary

- Population projections estimate a **42%** increase in the age 4 to 10 population in the Garrison attendance boundary area from 2010 to 2014 and a 93% increase from 2010 to 2022 in the same age group.
- The actual Garrison enrollment from 2010 to 2014 increased **15%** from 213 students in 2010 to 245 students in 2014. While the enrollment has been on the rise, it has not kept up with OP estimated increase.
- Using the Grade Progression Ratio methodology, the enrollment is expected to increase another **19%** by 2022, peaking at 294 students.
- The current Educational Specifications for Garrison calls for a capacity of 384 students. If the Garrison enrollment increases faster than anticipated there is still room to grow in the current capacity model.

CURRENT PROJECT BUDGET

- FY14 & FY15 = \$18m (Design & Early Construction Activities)
- FY16 = \$22m (Construction)
- FY17 = \$2m to 5m (Demo Existing School and/or Site Work)

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QUESTIONS & ANSWERS



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NEXT STEPS

- DCPS' Selection of Design Approach (Renovation or New Building)
- Architects Develop Two (2) Design Schemes for the Project to be Reviewed by Focus Group and the Project Team
- DGS Requests Construction Bids from General Contractors

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