

DATE: November 16, 2014
TO: Amherst-Pelham Regional School Committee
FROM: Rick Hood, Chair, District Trends Subcommittee
RE: District Trends Subcommittee Update

Attached please find sample draft trends reports, covering these areas:

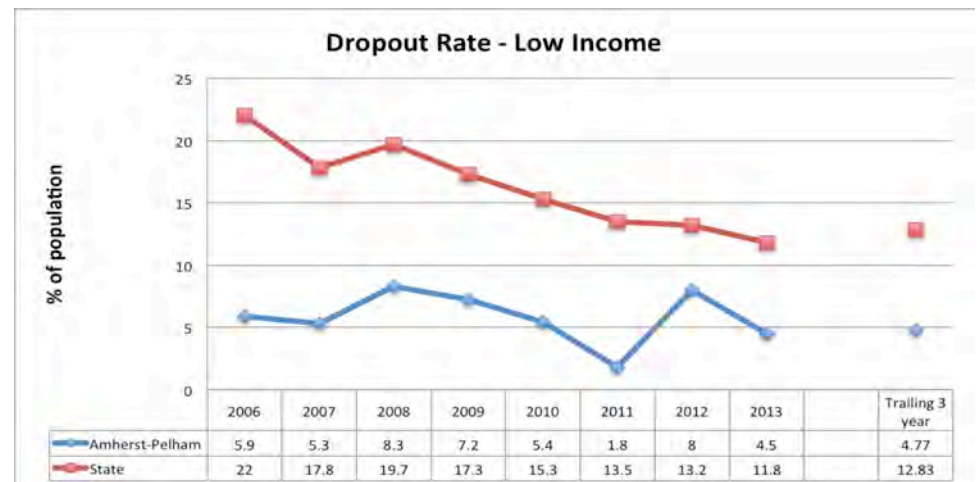
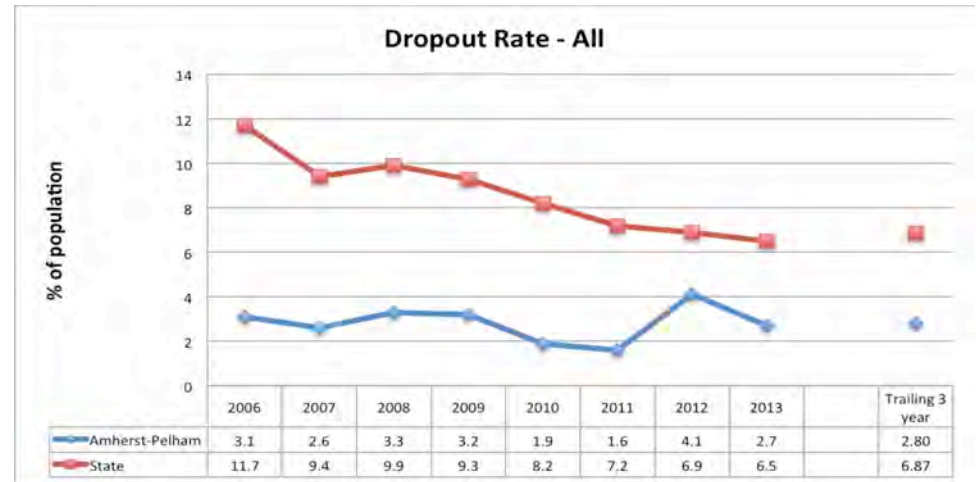
- Graduation and dropout rate
- MCAS data
- Demographic data

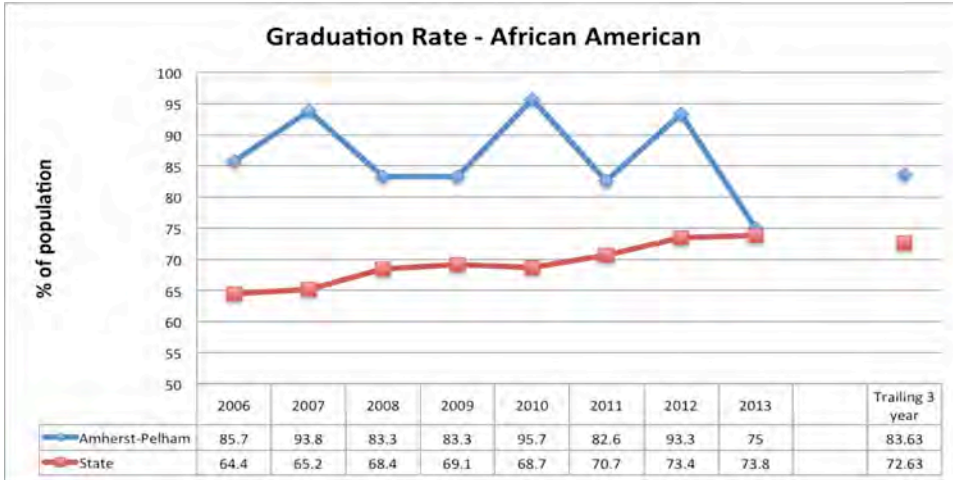
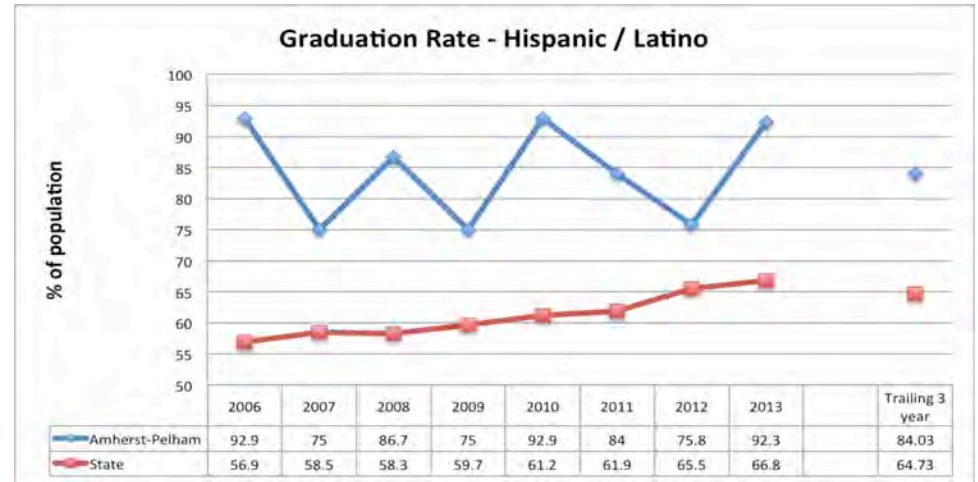
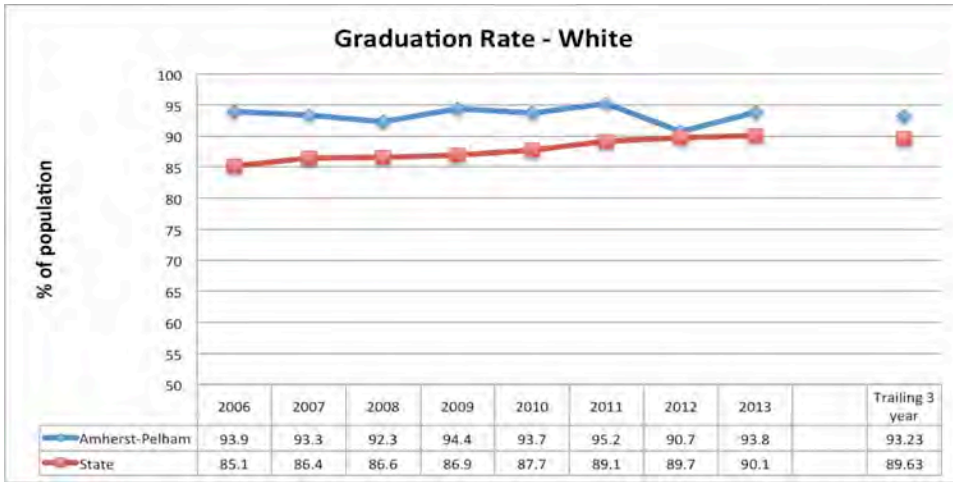
Notes:

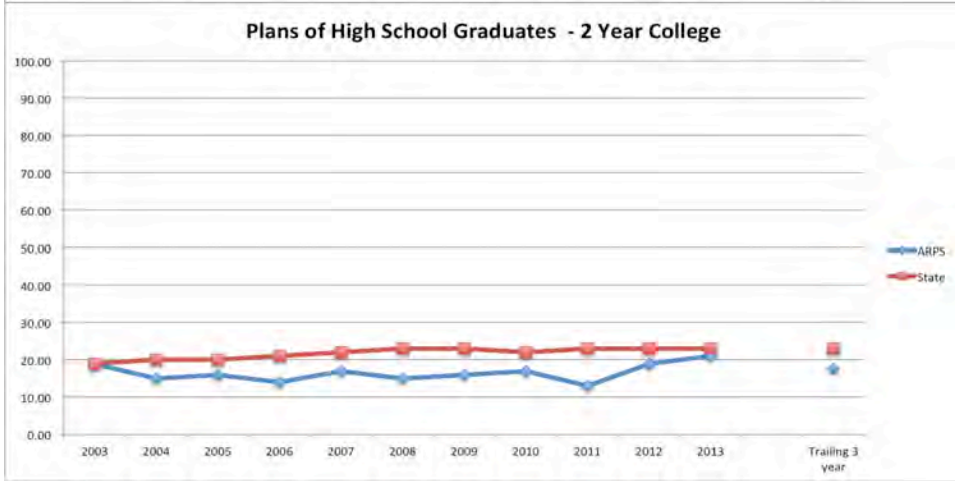
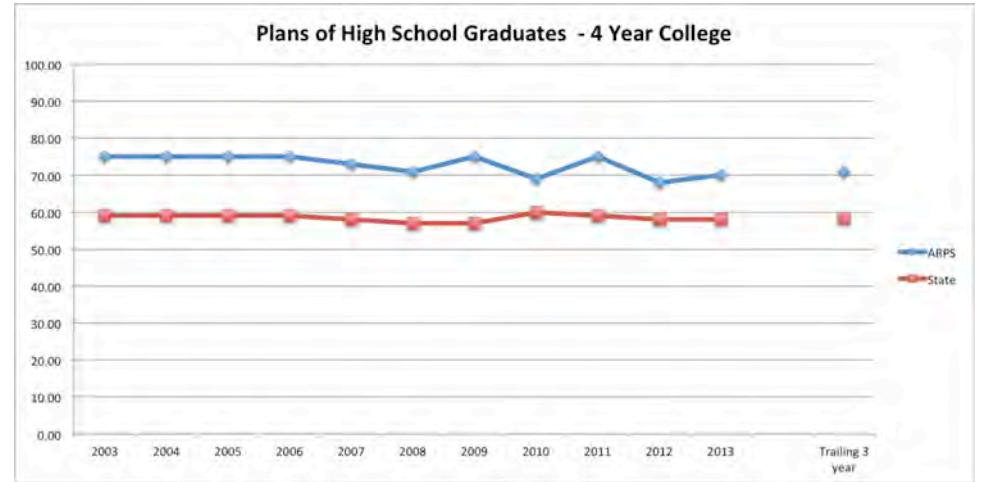
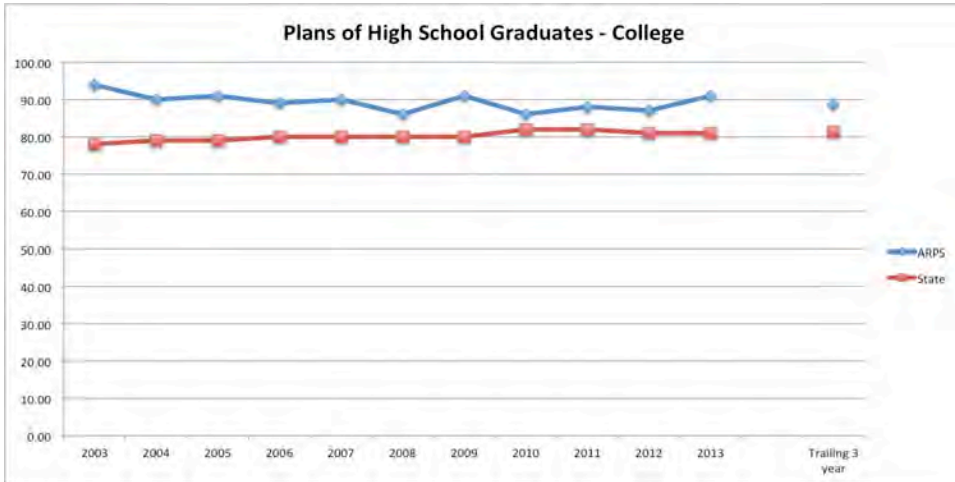
1. The data in all of these reports comes from the DESE website.
2. These are all DRAFTS – do not make any conclusions based on this data until it has proofed and vetted.
3. The primary purpose of presenting this data is show the type of reports that the District Trends Subcommittee currently plans to produce and to receive any input on that.
4. Also attached is an outline of areas being looked at by the District Trends Subcommittee.
5. The District Trends Subcommittee maintains this website to provide information on ongoing work: <http://www.arpstrends.info/>

District Trends Subcommittee – GRADUATION DATA **DRAFT** *Do not draw any conclusions from this data; it has not been proofed and vetted.*
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- The source of this data is here: http://profiles.doe.mass.edu/state_report/gradrates.aspx
- Amherst-Pelham data is 4-year adjusted * graduation rate.
- State data is 4-year graduation rate.
 * Adjusted for students moving in and out of the district. See: <http://www.doe.mass.edu/infoservices/reports/gradrates/gradratesfaq.html>

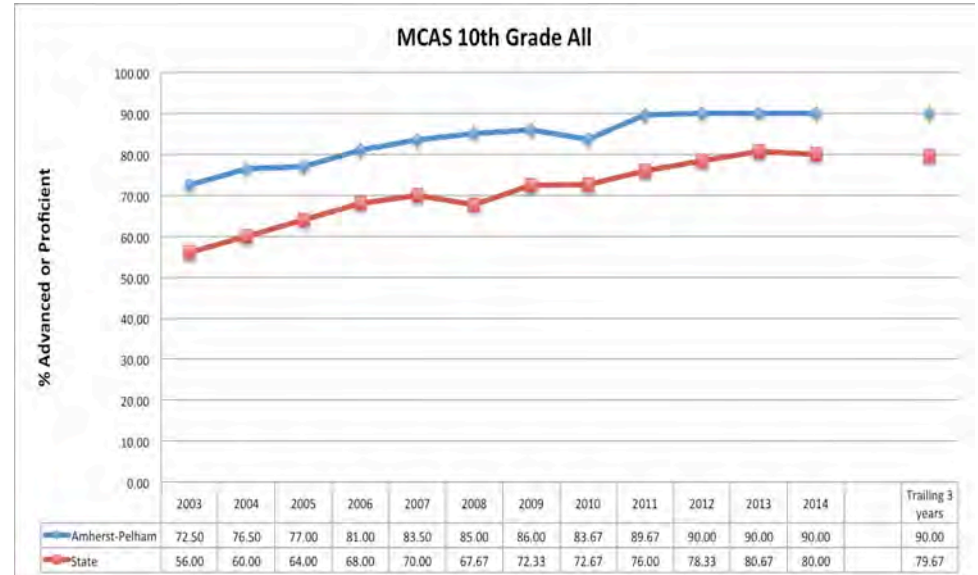
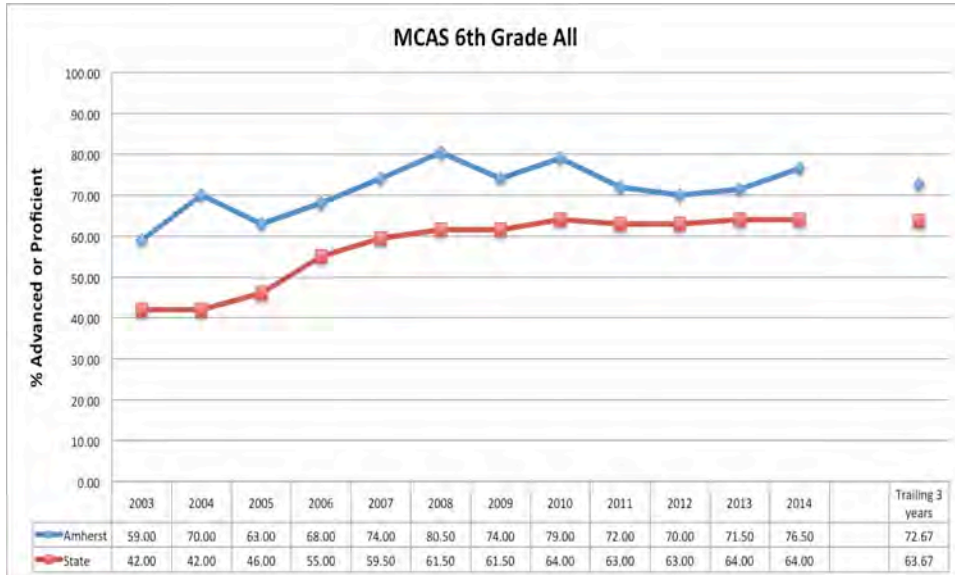


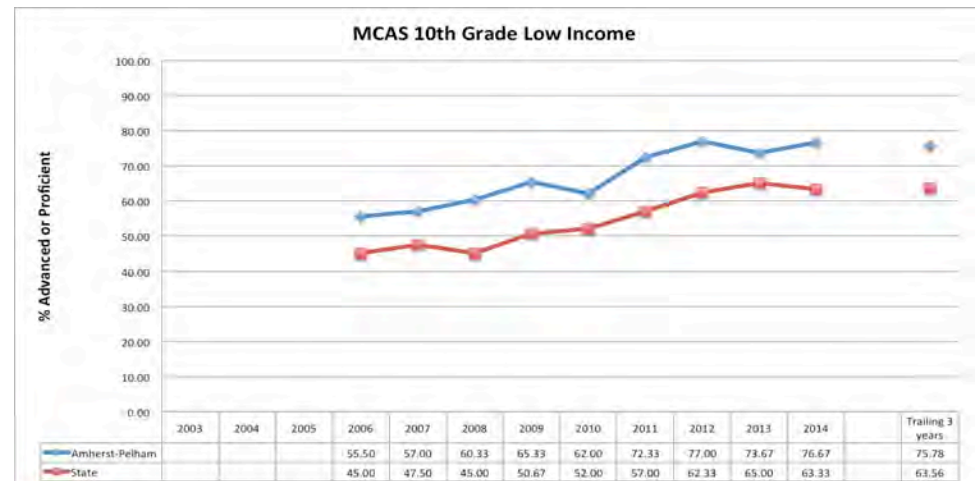
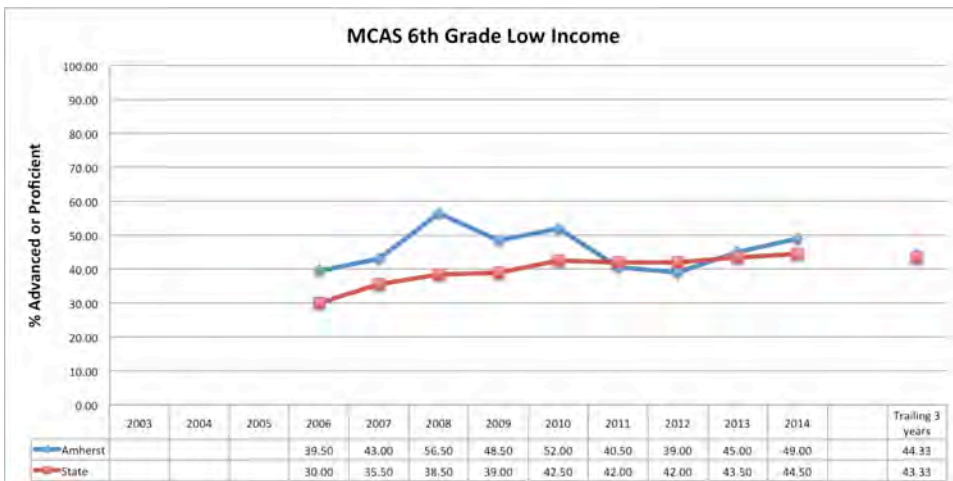
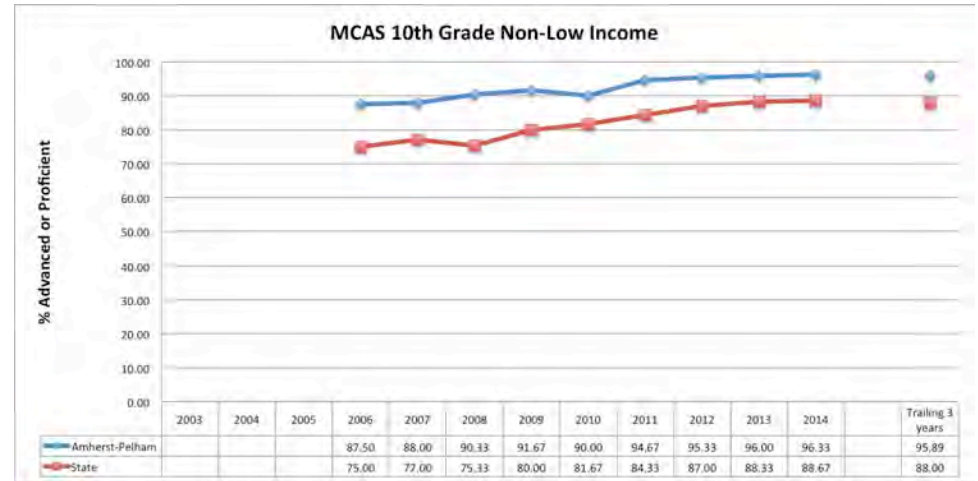
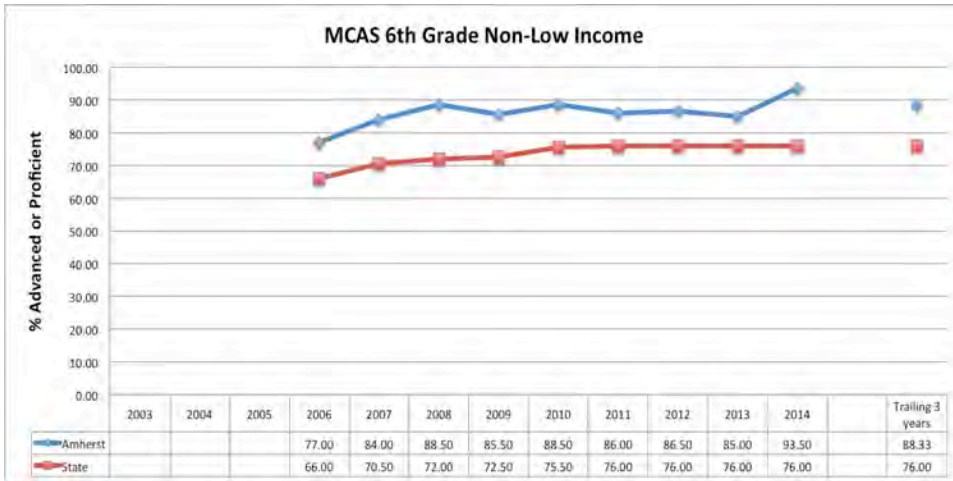


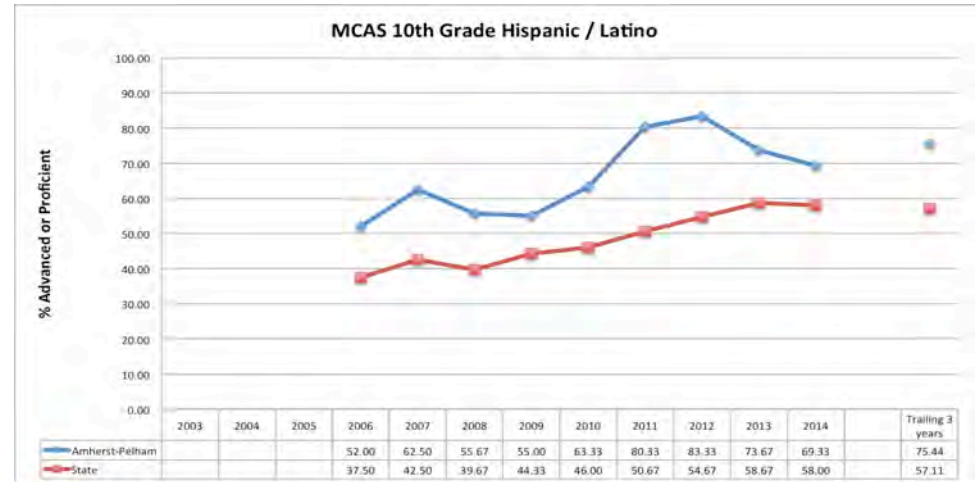
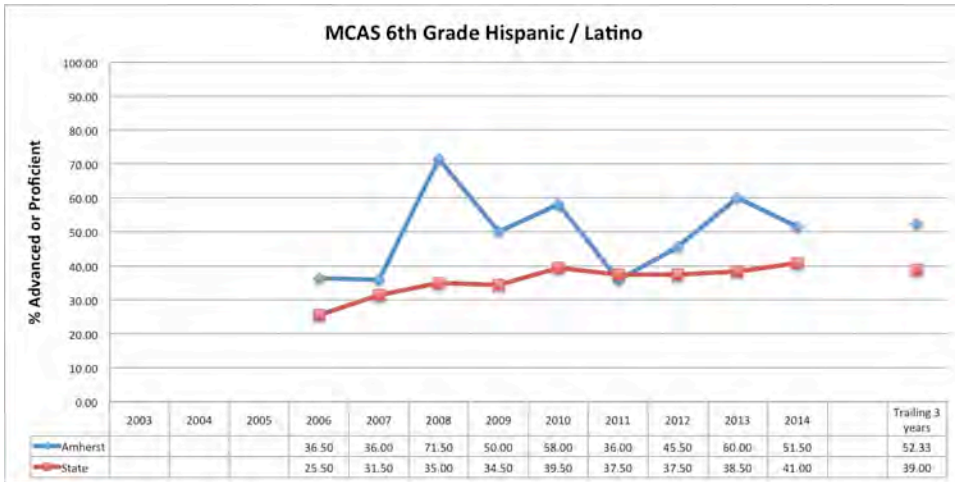
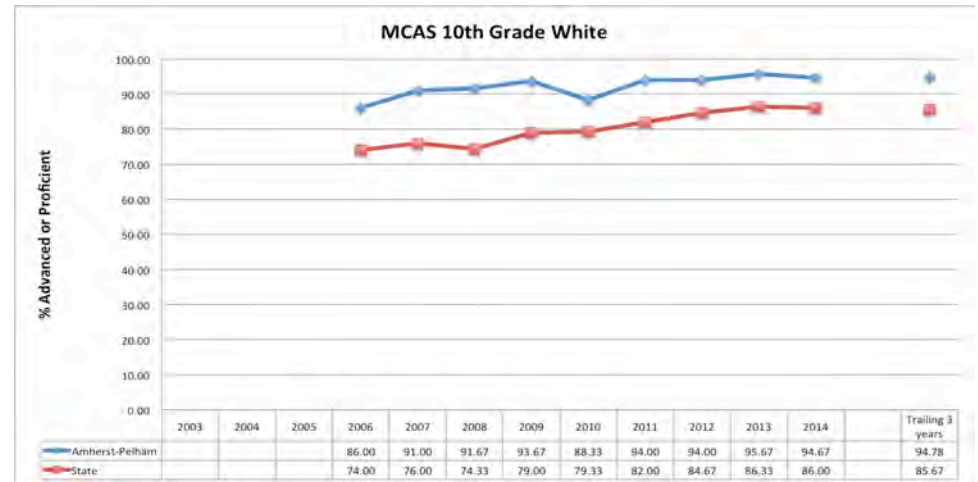
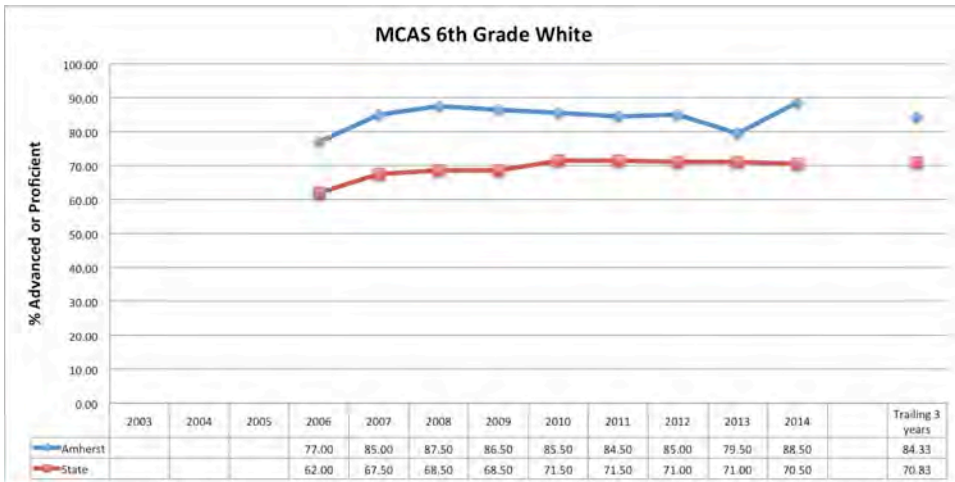


District Trends Subcommittee – MCAS DATA **DRAFT** *Do not draw any conclusions from this data; it has not been proofed and vetted.*
 November 18, 2014

- Primary (6th grade, Amherst) in left column, Secondary (10th grade, Amherst-Pelham Regional) in right column
- The source of this data is here: http://profiles.doe.mass.edu/state_report/mcas.aspx
- Years that show no data had no data on the above page.
- For 6th grade the average of Math + ELA was used for % Advanced or Proficient.
- For 10th grade the average of Math + ELA + SCI was used for % Advanced or Proficient.







MCAS 6th Grade African American



MCAS 10th Grade African American



MCAS 6th Grade ELL & Former ELL

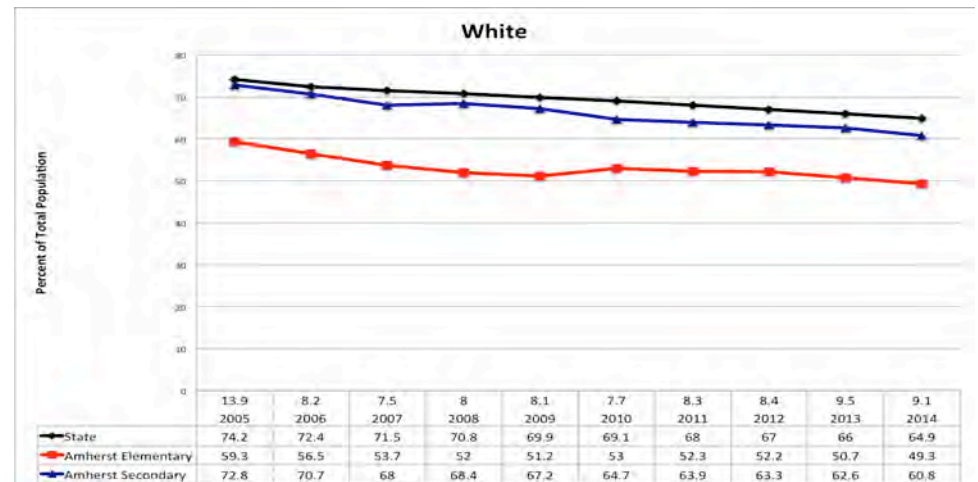
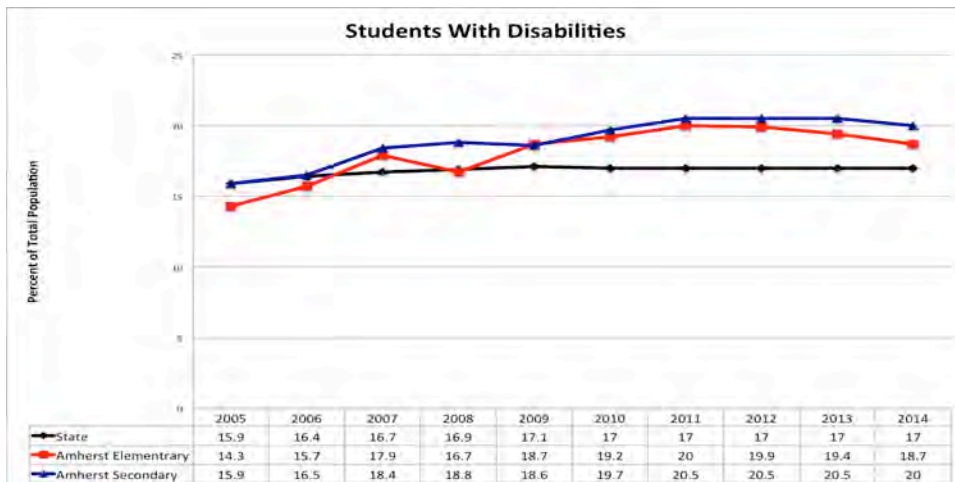
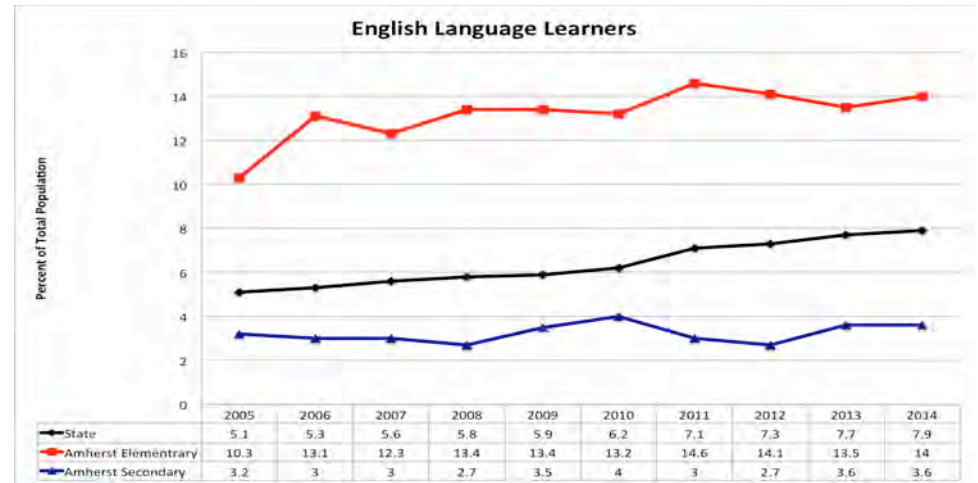


MCAS 10th Grade ELL & Former ELL

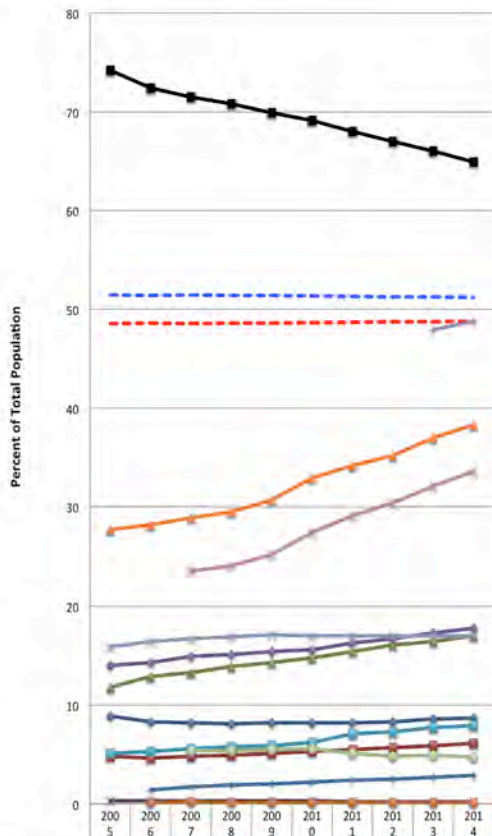


District Trends Subcommittee – DEMOGRAPHIC DATA **DRAFT** - Do not draw any conclusions from this data; it has not been proofed and vetted.
 November 18, 2014

- The source of this data is here:
 Amherst: <http://profiles.doe.mass.edu/profiles/student.aspx?orgcode=00080000&orgtypecode=5&>
 Amherst Pelham Regional: <http://profiles.doe.mass.edu/profiles/student.aspx?orgcode=06050000&orgtypecode=5&>
 State data is included on both of the above.

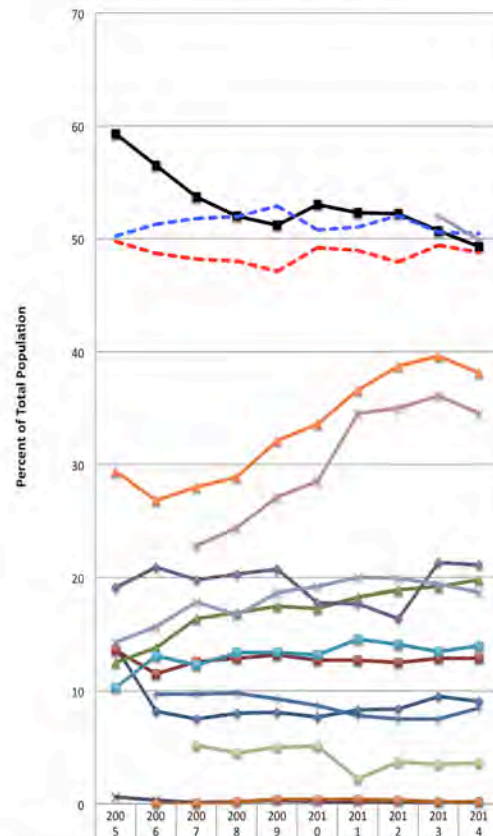


Demographics - State



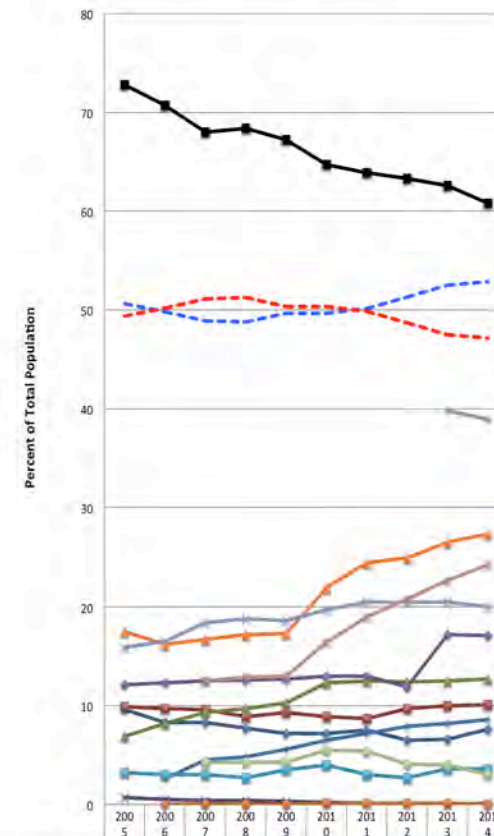
	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
African American	8.9	8.3	8.2	8.1	8.2	8.2	8.2	8.3	8.6	8.7
Asian	4.8	4.6	4.8	4.9	5.1	5.3	5.5	5.7	5.9	6.1
Hispanic	11.8	12.9	13.3	13.9	14.3	14.8	15.4	16.1	16.4	17
Native American	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2
White	74.2	72.4	71.5	70.8	69.9	69.1	68	67	66	64.9
Native Hawaiian, Pacific Islander	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Multi-Race, Non-Hispanic	1.4	1.7	1.9	2	2.2	2.4	2.5	2.7	2.9	
Male	51.4	51.4	51.4	51.4	51.4	51.3	51.3	51.3	51.2	51.2
Female	48.6	48.6	48.6	48.6	48.6	48.7	48.7	48.7	48.8	48.8
First Language not English	14	14.3	14.9	15.1	15.4	15.6	16.3	16.7	17.3	17.8
English Language Learner	5.1	5.3	5.6	5.8	5.9	6.2	7.1	7.3	7.7	7.9
Low-income	27.7	28.2	28.9	29.5	30.7	32.9	34.2	35.2	37	38.3
Students With Disabilities	15.9	16.4	16.7	16.9	17.1	17	17	17	17	17
Free Lunch		23.5	24	25.2	27.4	29.1	30.4	32.1	33.6	
Reduced Lunch			5.4	5.4	5.5	5.6	5.1	4.8	4.9	4.7
High Needs									47.9	48.8

Demographics - Amherst Elementary

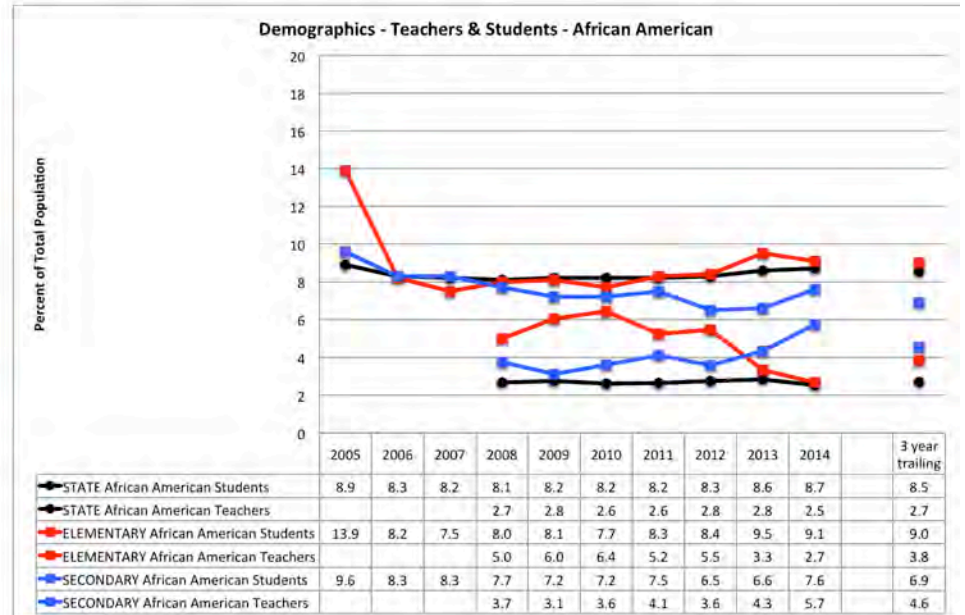
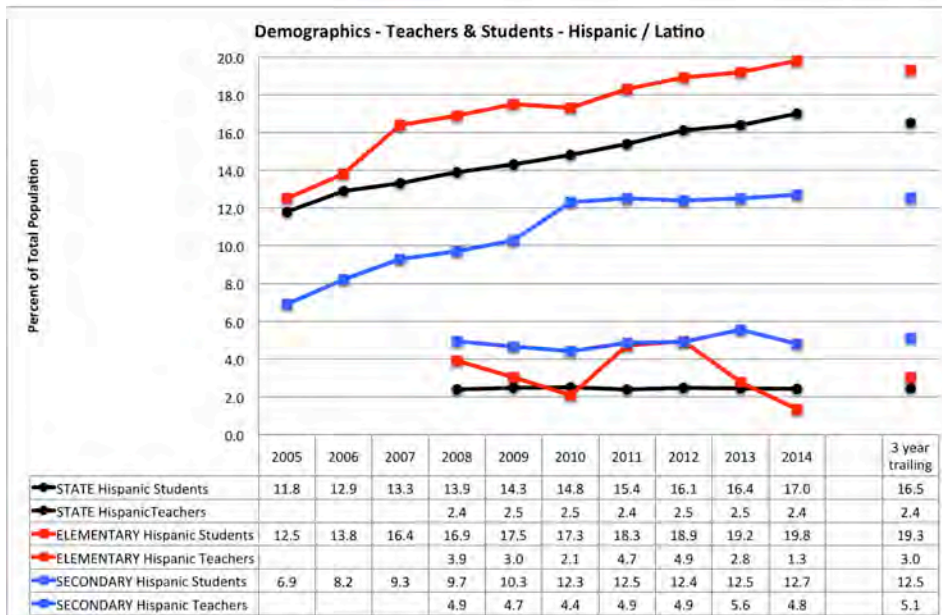
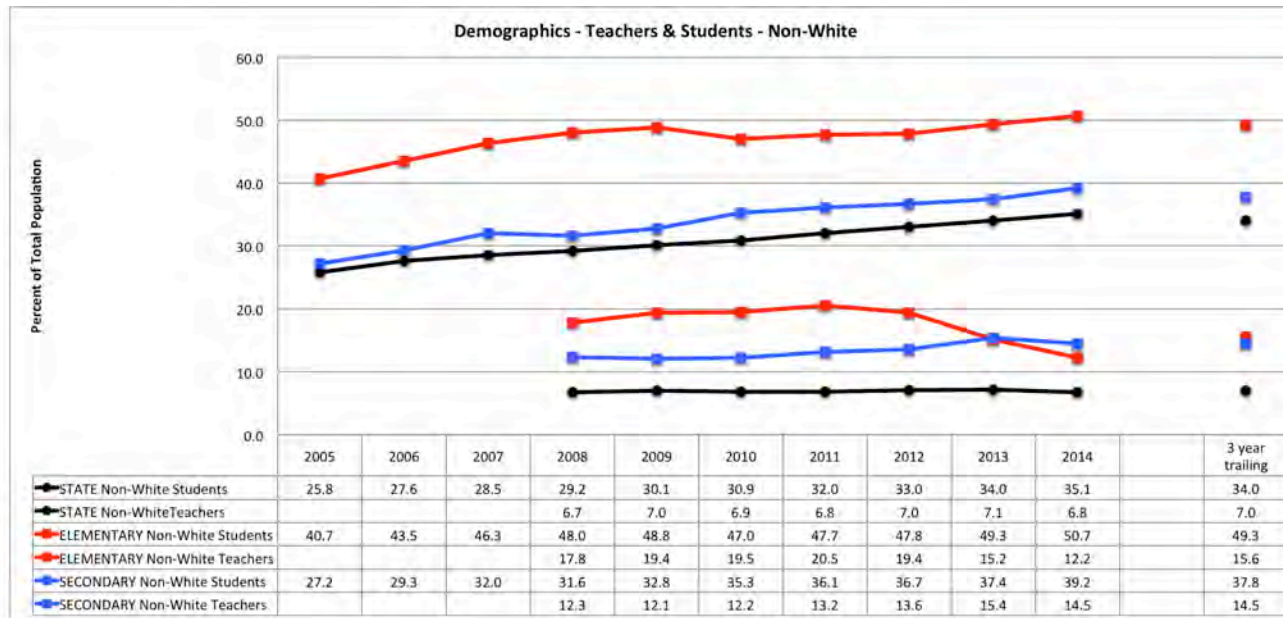


	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
African American	13.9	8.2	7.5	8	8.1	7.7	8.3	8.4	9.5	9.1
Asian	13.6	11.5	12.6	12.9	13.2	12.7	12.7	12.5	12.9	12.9
Hispanic	12.5	13.8	16.4	16.9	17.5	17.3	18.3	18.9	19.2	19.8
Native American	0.6	0.3	0.1	0.2	0.3	0.2	0.2	0.2	0.1	0.1
White	59.3	56.5	53.7	52	51.2	53	52.3	52.2	50.7	49.3
Native Hawaiian, Pacific Islander	0	0	0.2	0.4	0.4	0.4	0.3	0.2	0.2	
Multi-Race, Non-Hispanic	9.7	9.7	9.8	9.3	8.7	7.8	7.5	7.5	8.5	
Male	50.2	51.3	51.8	52.0	52.9	50.8	51.0	52.1	50.6	50.5
Female	49.8	48.7	48.2	48.0	47.1	49.2	49.0	47.9	49.4	48.8
First Language not English	19.1	20.9	19.8	20.3	20.7	17.8	17.7	16.4	21.3	21.1
English Language Learner	10.3	13.1	12.3	13.4	13.4	13.2	14.6	14.1	13.5	14
Low-income	29.4	26.8	28	28.9	32.1	33.6	36.6	38.7	39.6	38.1
Students With Disabilities	14.3	15.7	17.9	16.7	18.7	19.2	20	19.9	19.4	18.7
Free Lunch		22.8	24.4	27.1	28.5	34.5	35	36.1	34.5	
Reduced Lunch			5.2	4.5	5	5.1	2.2	3.7	3.5	3.6
High Needs								52	49.9	

Demographics - Amherst-Pelham Secondary



	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
African American	9.6	8.3	8.3	7.7	7.2	7.2	7.5	6.5	6.6	7.6
Asian	9.9	9.7	9.6	8.9	9.3	8.9	8.7	9.7	10	10.1
Hispanic	6.9	8.2	9.3	9.7	10.3	12.3	12.5	12.4	12.5	12.7
Native American	0.7	0.5	0.4	0.4	0.3	0.2	0.1	0.1	0	0.1
White	72.8	70.7	68	68.4	67.2	64.7	63.9	63.3	62.6	60.8
Native Hawaiian, Pacific Islander	0	0	0	0	0.1	0.1	0.1	0.1	0	
Multi-Race, Non-Hispanic	2.6	4.5	4.8	5.6	6.5	7.2	7.9	8.2	8.6	
Male	50.6	49.8	48.9	48.8	49.7	49.7	50.1	51.3	52.5	52.8
Female	49.4	50.2	51.1	51.2	50.3	50.3	49.9	48.7	47.5	47.2
First Language not English	12.1	12.3	12.5	12.6	12.7	13	13	11.9	17.2	17.1
English Language Learner	3.2	3	3	2.7	3.5	4	3	2.7	3.6	3.6
Low-income	17.5	16.2	16.7	17.2	17.3	21.9	24.4	24.9	26.5	27.3
Students With Disabilities	15.9	16.5	18.4	18.8	18.6	19.7	20.5	20.5	20.5	20
Free Lunch		12.5	12.9	13	16.4	19	20.8	22.6	24.2	
Reduced Lunch			4.3	4.3	4.3	5.5	5.4	4.1	4	3
High Needs								39.8	38.9	



District Trends Subcommittee
Outline of possible areas of trend measurements

Updated 5/15/14 (blue) Updated 5/27 (red)

1. Academic
 - a. MCAS – look grades 6/10 or 4/8/10 – probably the latter
 - b. SAT
 - c. ACT
 - d. AP – subjects, how many take it, scores
 - e. Graduation rate
 - f. Colleges attended – 2 year, 4 year
 - g. College graduation rate – available for MA public colleges.
 - h. GPA – course grades by group < said no to this
 - i. Plans of ARHS graduates

2. ~~Athletic~~ Extracurricular
 - a. Participation by group
 - b. How athletes do academically
 - c. How our teams do
 - d. Fees versus appropriations funding
 - e. Fees effect on groups participating
 - f. Arts & Music participation by group (including orchestra & ensembles)
 - g. Clubs, school governance

3. Satisfaction
 - a. Family Survey – might have to tack on our own simple survey to school surveys
 - b. Student Survey – see SPIFFY below
 - c. Staff Survey – See TELL below discontinued
 - d. Possible to follow a cohort(s)?
 - e. TELL survey for staff
 - f. SPIFFY survey for students

4. Equity
 - a. Academic performance by race, gender, SPED, etc.
 - b. Discipline by race, gender, etc.
 - c. Survey data
 - d. Makeup of honors classes
 - e. Diversity of staffing

5. Cost
 - a. Per pupil cost
 - b. Breakout of classroom instruction, school admin, central admin, etc.
 - c. Adjust for inflation
 - d. Grant funding versus appropriations

6. Demographics
 - a. Income
 - b. Race
 - c. ELL
 - d. SPED
 - e. Transiency

7. Other
 - a. Staff retention (voluntary leaves)