Clear Horizons Early College High School Program Evaluation 2007-2011

Presentation to Clear Creek ISD
Board of Trustees

November 14, 2011

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CHECHS BACKGROUND

- Established in 2007-08 (one of first Texas Early College High Schools)
- Opportunity to earn both a high school diploma and an Associate degree while in high school
- All students enrolled at CHECHS participate in Pre-AP, AP, and college coursework with juniors and seniors at CHECHS taking primarily college courses.
- For the 2010-11 school year, CHECHS earned all 12 Gold Performance Acknowledgements available for high schools from the Texas Education Agency. CHECHS is one of only 9 high schools to earn this distinction.

CHECHS Demographics

Year	Program	African American	Asian	Hispanic	White	Economically Disadvantaged
2007-08	**CHECHS**	**8.7%**	**18.4%**	**21.7%**	**50.2%**	**15.0%**
	District	8.9%	10.2%	19.5%	61.1%	17.5%
	Difference	*-0.2%*	*8.2%*	*2.2%*	*-10.9%*	*-2.5%*
2008-09	**CHECHS**	**7.8%**	**20.8%**	**20.4%**	**49.8%**	**22.3%**
	District	9.3%	10.4%	20.4%	59.5%	22.0%
	Difference	*-1.5%*	*10.4%*	*0.0%*	*-9.7%*	*0.3%*
2009-10	**CHECHS**	**5.5%**	**21.5%**	**24.0%**	**48.6%**	**25.2%**
	District	9.2%	10.4%	21.3%	58.8%	22.7%
	Difference	*-3.7%*	*11.1%*	*2.7%*	*-10.2%*	*2.5%*
2010-11*	**CHECHS**	**5.3%**	**21.4%**	**23.0%**	**45.7%**	**21.1%**
	District	9.6%	9.8%	25.1%	53.8%	25.3%
	Difference	*-4.3%*	*11.6%*	*-2.1%*	*-8.1%*	*-4.2%*
2011-12*	**CHECHS**	**5.3%**	**23.2%**	**26.6%**	**40.2%**	**29.0%**
	District	8.3%	9.9%	26.0%	52.3%	28.0%
	Difference	*-3.0%*	*13.3%*	*0.6%*	*-12.1%*	*1.0%*

**PEIMS data*

Program Evaluation Questions

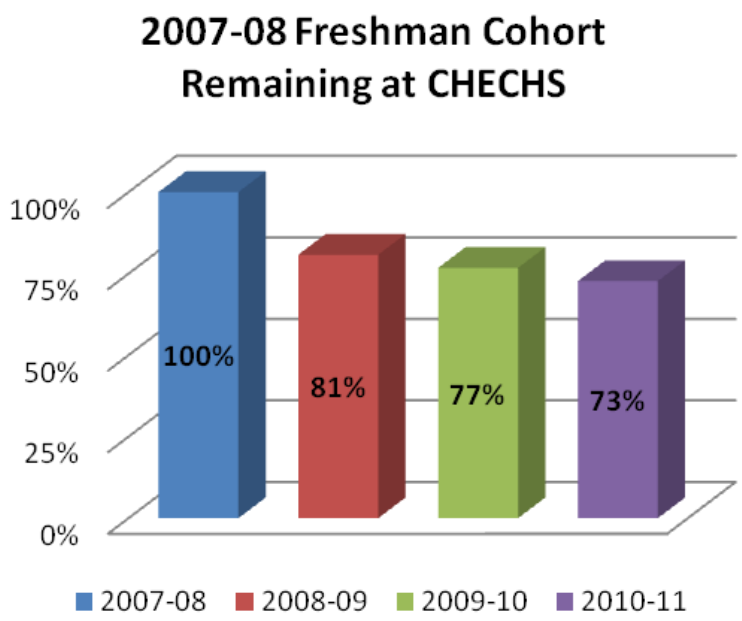
The following questions were determined by the Program Evaluation team to evaluate CHECHS:

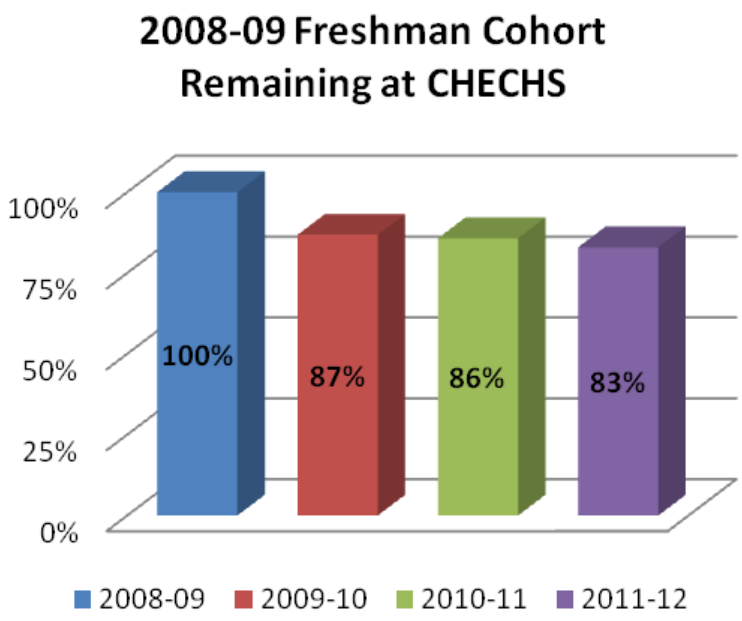
1. What percent of the freshmen enrolled at Clear Horizon's Early College High School remain continuously enrolled at Clear Horizons Early College High School through graduation?
2. What percent of the students graduating from Clear Horizons Early College High School earn at least 60 hours of college credit?
3. How do the TAKS Commended rates for Clear Horizons Early College High School students on each TAKS test compare to the TAKS Commended rates for the district (All students, African American, Hispanic, White, and Economically Disadvantaged)?

Program Evaluation Questions

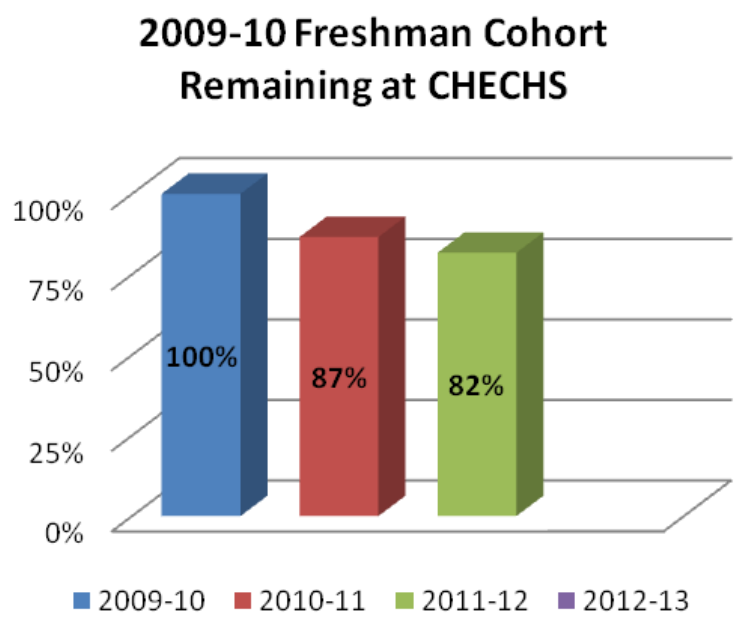
4. How do the AP Exam passing rates for Clear Horizons Early College High School students compare to the AP Exam passing rates for the district, state, and nation? Passing is defined by a score of 3 or higher with a minimum of 10 test takers?
5. How do the average ACT and SAT scores for Clear Horizons Early College High School students compare to the average ACT and SAT scores for the district, state, and nation?
6. How do the San Jacinto College grade point averages (GPA) of Clear Horizons Early College High School graduates earning an Associates degree compare to the GPAs of other San Jacinto College graduates (non-Clear Horizon's Early College High School) earning an Associates degree?
7. What is the average cost per student at CHECHS?

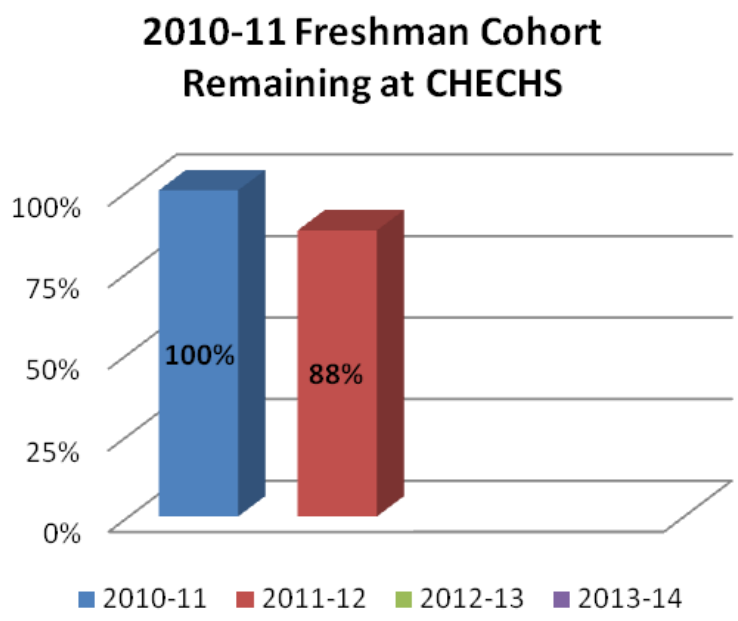
What percent of the freshmen enrolled at CHECHS remain continuously enrolled at CHECHS through graduation?





What percent of the freshmen enrolled at CHECHS remain continuously enrolled at CHECHS through graduation?





What percent of the students graduating from CHECHS earn at least 60 hours of college credit?

CHECHS College Credits Earned

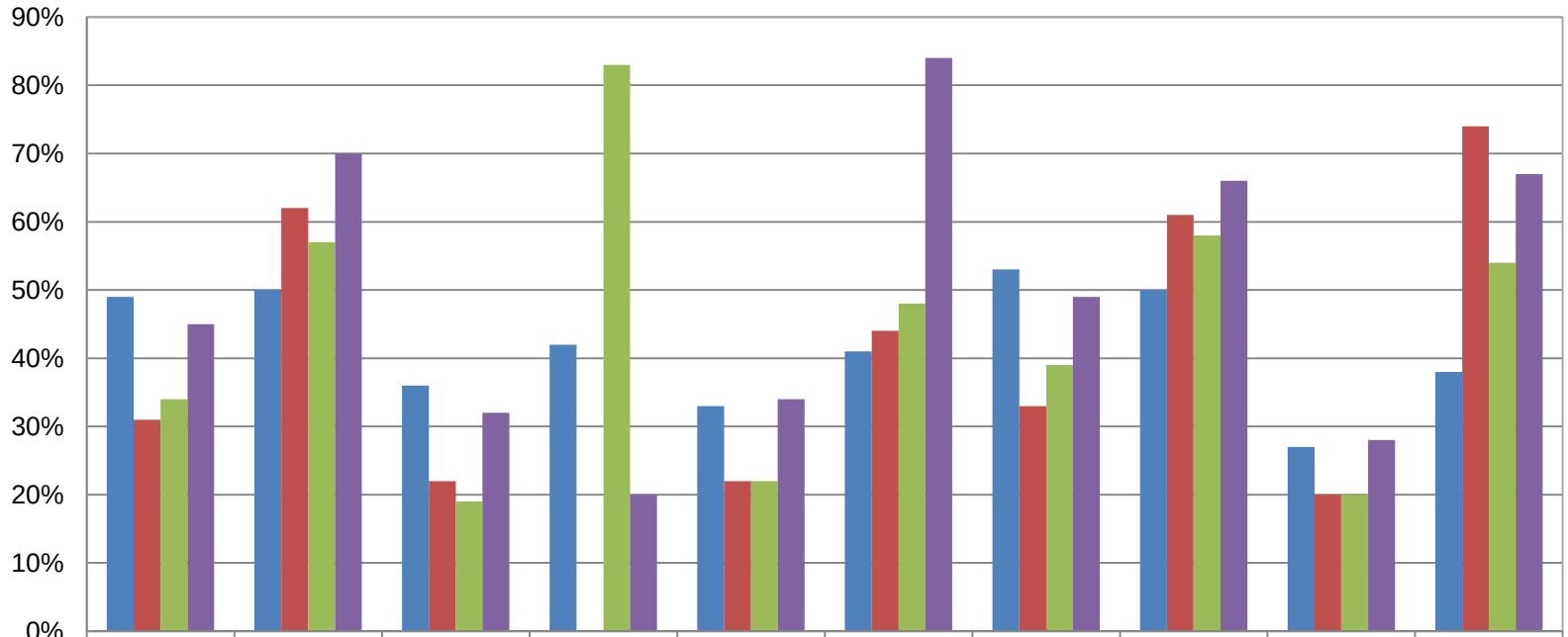
College Credits Earned	2009-10	2010-11
Average College Credits	65.42	68.87
% Earning ≥ 60 Credits	70%	90%
% Earning ≥ 45 Credits	92%	100%

CHECHS Associate Degrees Earned

Associate Degrees Earned	2009-10		2010-11	
Associate of Art	20	40%	49	64%
Associate of Science	12	24%	15	19%
None	18	36%	13	17%

How do the TAKS Commended rates for CHECHS students on each TAKS test compare to the TAKS Commended rates for the district?

Grade 9 Reading TAKS Commended

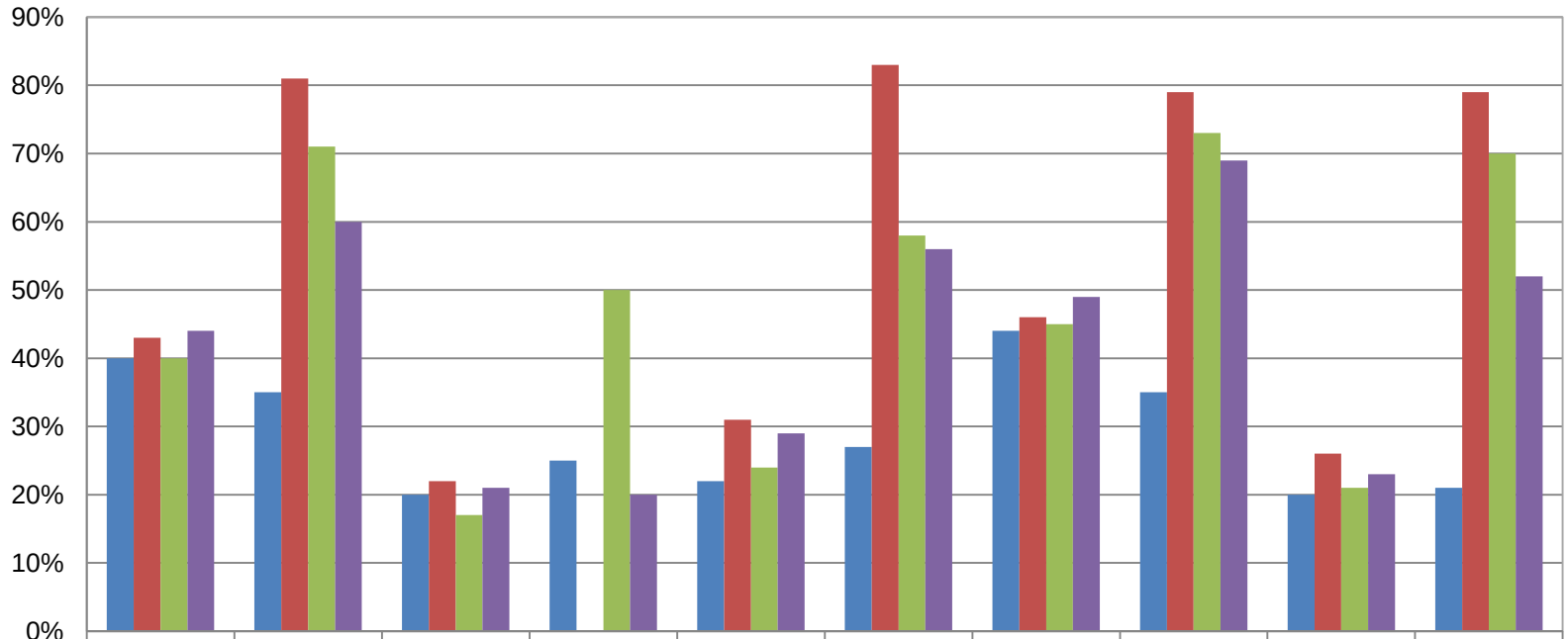


	All Students		African American		Hispanic		White		Economically Disadvantaged	
	CCISD	CHECHS	CCISD	CHECHS	CCISD	CHECHS	CCISD	CHECHS	CCISD	CHECHS
2007-2008	49%	50%	36%	42%	33%	41%	53%	50%	27%	38%
2008-2009	31%	62%	22%	*	22%	44%	33%	61%	20%	74%
2009-2010	34%	57%	19%	83%	22%	48%	39%	58%	20%	54%
2010-2011	45%	70%	32%	20%	34%	84%	49%	66%	28%	67%

**Fewer than five students tested*

How do the TAKS Commended rates for CHECHS students on each TAKS test compare to the TAKS Commended rates for the district?

Grade 9 Mathematics TAKS Commended

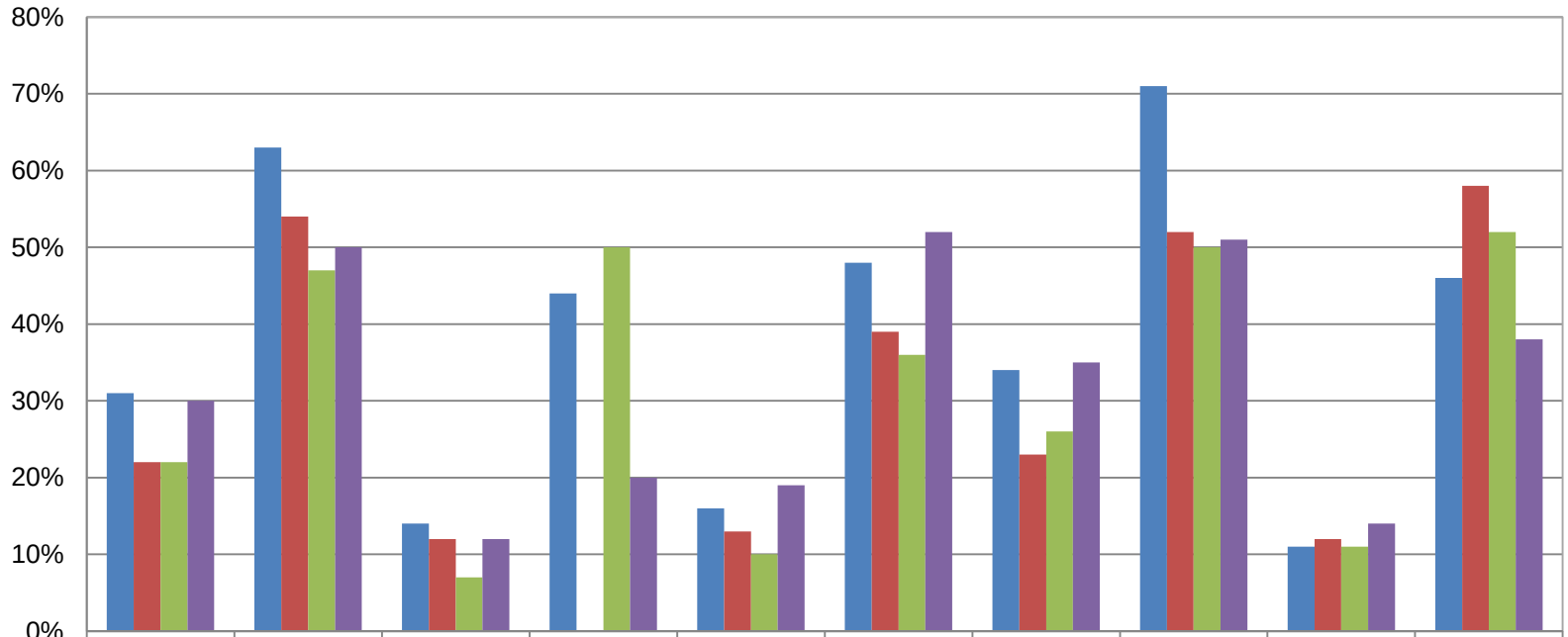


	All Students		African American		Hispanic		White		Economically Disadvantaged	
	CCISD	CHECHS	CCISD	CHECHS	CCISD	CHECHS	CCISD	CHECHS	CCISD	CHECHS
2007-2008	40%	35%	20%	25%	22%	27%	44%	35%	20%	21%
2008-2009	43%	81%	22%	*	31%	83%	46%	79%	26%	79%
2009-2010	40%	71%	17%	50%	24%	58%	45%	73%	21%	70%
2010-2011	44%	60%	21%	20%	29%	56%	49%	69%	23%	52%

**Fewer than five students tested*

How do the TAKS Commended rates for CHECHS students on each TAKS test compare to the TAKS Commended rates for the district?

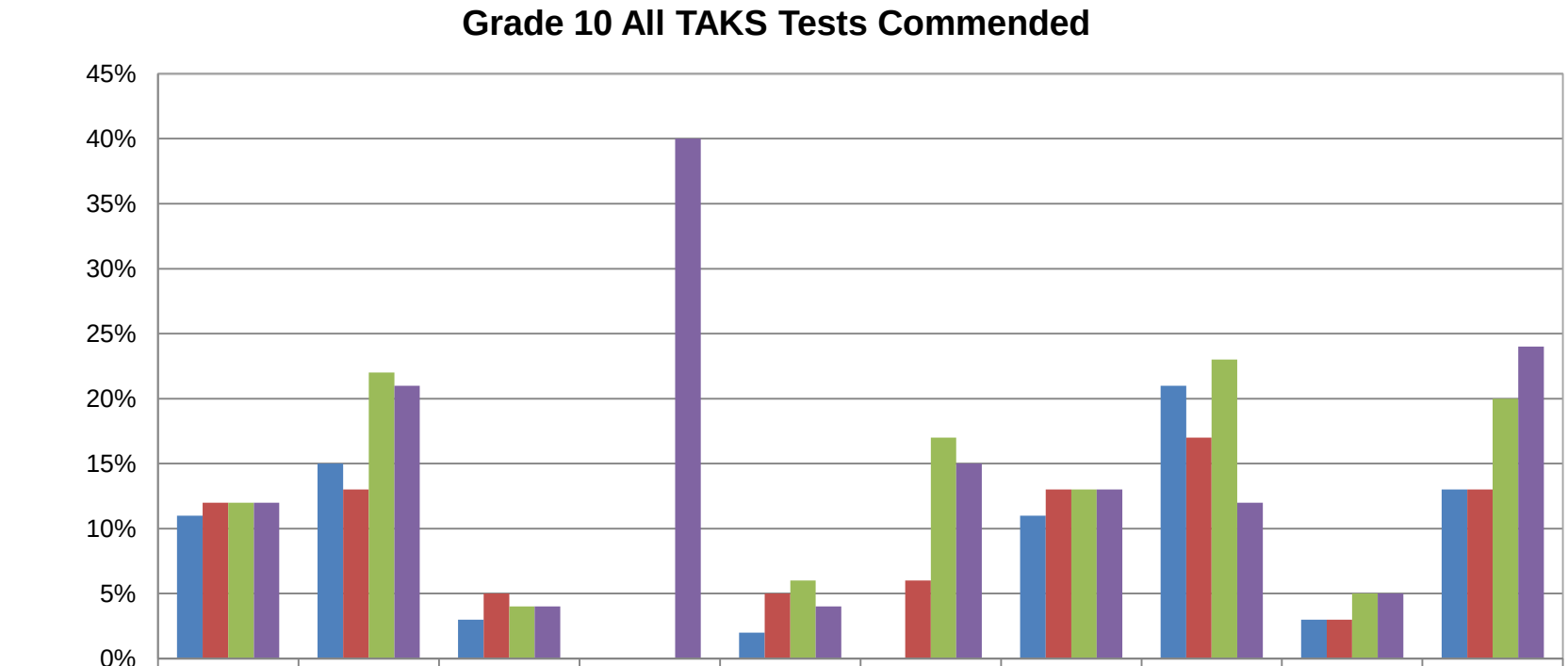
Grade 9 All TAKS Tests Commended



	All Students		African American		Hispanic		White		Economically Disadvantaged	
	CCISD	CHECHS	CCISD	CHECHS	CCISD	CHECHS	CCISD	CHECHS	CCISD	CHECHS
2007-2008	31%	63%	14%	44%	16%	48%	34%	71%	11%	46%
2008-2009	22%	54%	12%	*	13%	39%	23%	52%	12%	58%
2009-2010	22%	47%	7%	50%	10%	36%	26%	50%	11%	52%
2010-2011	30%	50%	12%	20%	19%	52%	35%	51%	14%	38%

**Fewer than five students tested*

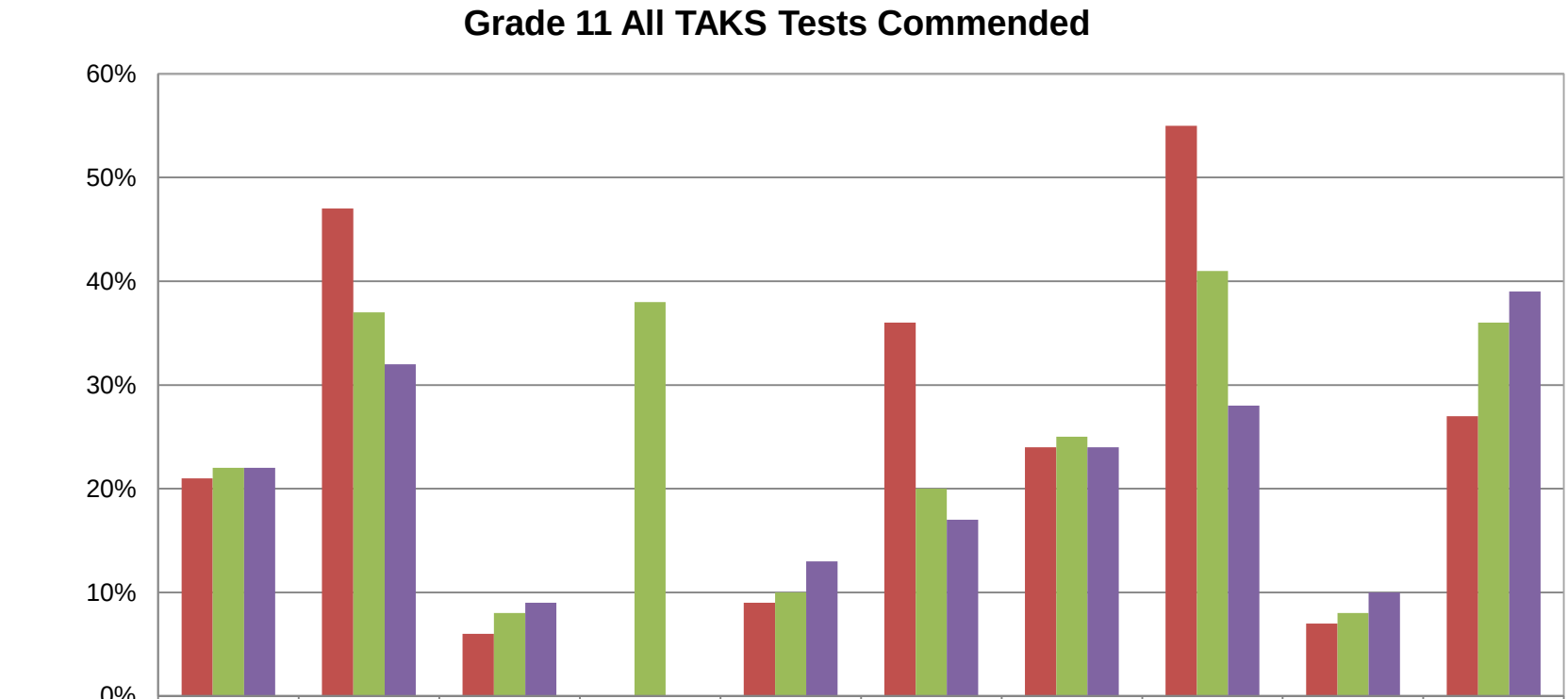
How do the TAKS Commended rates for CHECHS students on each TAKS test compare to the TAKS Commended rates for the district?



	All Students		African American		Hispanic		White		Economically Disadvantaged	
	CCISD	CHECHS	CCISD	CHECHS	CCISD	CHECHS	CCISD	CHECHS	CCISD	CHECHS
2007-2008	11%	15%	3%	0%	2%	0%	11%	21%	3%	13%
2008-2009	12%	13%	5%	0%	5%	6%	13%	17%	3%	13%
2009-2010	12%	22%	4%	*	6%	17%	13%	23%	5%	20%
2010-2011	12%	21%	4%	40%	4%	15%	13%	12%	5%	24%

**Fewer than five students tested*

How do the TAKS Commended rates for CHECHS students on each TAKS test compare to the TAKS Commended rates for the district?



	All Students		African American		Hispanic		White		Economically Disadvantaged	
	CCISD	CHECHS	CCISD	CHECHS	CCISD	CHECHS	CCISD	CHECHS	CCISD	CHECHS
2008-2009	21%	47%	6%	*	9%	36%	24%	55%	7%	27%
2009-2010	22%	37%	8%	38%	10%	20%	25%	41%	8%	36%
2010-2011	22%	32%	9%	*	13%	17%	24%	28%	10%	39%

**Fewer than five students tested*

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CLEAR CREEK INDEPENDENT SCHOOL DISTRICT

How do the AP Exam passing rates for CHECHS students compare to the AP Exam passing rates for the district, state, and global?

Exam	2007-08			2008-09			2009-10			2010-11		
	Mean Score	≥ 3	Enrollees Tested	Mean Score	≥ 3	Enrollees Tested	Mean Score	≥ 3	Enrollees Tested	Mean Score	≥ 3	Enrollees Tested
Human Geography												
CHECHS				**2.67**	**57%**	**66.7%**	**2.11**	**36%**	**61.5%**	**2.61**	**52%**	**44.3%**
District				3.14	70%	74.0%	3.14	70%	79.7%	3.28	72%	79.5%
State				2.56	50%		2.45	46%		2.45	*	
Global				2.57	50%		2.47	47%		2.61	51%	
World History												
CHECHS	**2.13**	**29%**	**93.9%**	**2.23**	**35%**	**53.5%**	**2.29**	**42%**	**74.4%**	**2.68**	**50%**	**59.5%**
District	3.28	74%	89.3%	3.26	69%	80.7%	3.23	71%	87.7%	3.38	75%	78.0%
State	2.28	39%		2.31	40%		2.26	38%		2.26	*	
Global	2.56	48%		2.63	51%		2.57	49%		2.57	48%	
English Language & Composition												
CHECHS				**2.12**	**26%**	**74.5%**	**2.74**	**50%**	**60.3%**	**2.91**	**67%**	**57.0%**
District				3.44	78%	78.2%	3.48	81%	86.7%	3.46	81%	73.2%
State				2.53	47%		2.59	49%		2.55	*	
Global				2.88	60%		2.91	61%		2.92	61%	

**Data is not available*

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CLEAR CREEK INDEPENDENT SCHOOL DISTRICT

How do the average ACT and SAT scores for CHECHS students compare to the average ACT and SAT scores for the district, state, and nation?

ACT Results

Year	Program	N	English	Math	Reading	Science	Composite
2009-10	**CHECHS**	**21**	**25.6**	**26.9**	**26.6**	**26.2**	**26.5**
	District	596	22.5	23.9	23.6	23.3	23.5
	State		19.7	21.4	20.8	20.9	20.8
	National		20.5	21.0	21.3	20.9	21.0
2010-11	**CHECHS**	**33**	**26.4**	**26.4**	**26.8**	**25.1**	**26.4**
	District	785	22.4	24.1	23.5	23.3	23.5
	State		19.6	21.5	20.7	20.8	20.8
	National		20.6	21.1	21.3	20.9	21.1

SAT Results

Year	Program	N	Critical Reading	Math	Writing
2009-10	**CHECHS**	**41**	**561**	**588**	**554**
	District	1,540	525	549	514
	State		484	505	473
	National		501	516	492
2010-11	**CHECHS**	**69**	**578**	**587**	**555**
	District	1,899	521	548	506
	State		479	502	465
	National		497	514	489

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CLEAR CREEK INDEPENDENT SCHOOL DISTRICT

How do the San Jacinto College (SJC) grade point averages (GPA) of CHECHS graduates earning an Associate degree compare to the GPAs of other SJC graduates (non-CHECHS) earning an Associate degree?

San Jacinto College Associate Degree Recipients' Cumulative GPAs

SJC Graduation Year	Program	N	Cumulative GPA
2009-10	**CHECHS, SJC Graduates**	**26**	**3.33**
	Non-CHECHS, SJC Graduates	1,143	3.06
2010-11	**CHECHS, SJC Graduates**	**63**	**3.22**
	Non-CHECHS, SJC Graduates	1,591	3.08

What is the average cost per student at CHECHS?

Clear Horizons Early College High School Expenditures

Year	General Funds	N	Cost Per Student General Funds	Grant Funds	All Funds	Cost Per Student All Funds
2007-08	$ 126,516	207	$611	$ 1,107,393	$ 1,477,661	$ 7,138
2008-09	$ 43,377	269	$161	$ 1,720,627	$ 1,764,004	$ 6,558
2009-10	$ 1,836,847	325	$5,652	$17,412	$1,854,259	$5,705
2010-11*	$ 1,534,252**	361	$4,250	$ 2,564	$ 1,536,816	$ 4,257

**AEIS data is not available*
***General funds for 2010-11 include $20,000 from the Clear Creek Education Foundation*

What is the average cost per student at CHECHS?

Average High School Expenditures

Year	Program	General Funds	N	Cost Per Student General Funds	All Funds	Cost Per Student All Funds
2007-08	**CHECHS**	**$126,516**	**207**	**$611**	**$ 1,477,661**	**$ 7,138**
	CCISD Comprehensive High School Average	$13,942,468	2,611	$5,547	$14,754,455	$5,855
2008-09	**CHECHS**	**$43,377**	**269**	**$161**	**$ 1,764,004**	**$ 6,558**
	CCISD Comprehensive High School Average	$15,210,945	2,674	$5,776	$17,186,713	$6,498
2009-10	**CHECHS**	**$1,836,847**	**325**	**$5,652**	**$1,854,259**	**$5,705**
	CCISD Comprehensive High School Average	$16,172,433	2,722	$5,996	$17,020,818	$6,305

CHECHS Targets by 2015-16

1. At least ninety percent (90%) of the freshmen who enroll at Clear Horizons Early College High School, and remain in CCISD, will remain continuously enrolled at Clear Horizons through graduation.
2. At least ninety percent (90%) of Clear Horizons Early College High School students will earn at least sixty hours of college credit before high school graduation.
3. STAAR achievement for Clear Horizons Early College High School will meet or exceed the district average for all student groups.
4. AP Exam passing rates and participation rates for Clear Horizons Early College High School students will meet or exceed the district, state, and global averages.

CHECHS Targets by 2015-16

5. ACT and SAT scores for Clear Horizons Early College High School students will meet or exceed the district, state, and national averages.
6. College grade point averages (GPAs) of Clear Horizons Early College High School graduates earning an Associate degree will meet or exceed the average college GPAs for non-Clear Horizons San Jacinto College students.
7. The cost per student at Clear Horizons Early College High School will be less than the average cost per student at CCISD comprehensive high schools.
8. Increase the percentage of Economically Disadvantaged students at Clear Horizons Early College High School to at least ten percent (10%) over the district's percentage of Economically Disadvantaged students.

Superintendent's Recommendations

- Acknowledge that Clear Horizons Early College High School is no longer a pilot program but one of seven CCISD high schools with high performing students and staff.
- Seek financial assistance through the education foundation and other partnerships to reduce local tuition costs.
- Amend the student lottery entry system to weigh more heavily toward economically disadvantaged students and first generation college going students.
- Assess the progress of the eight Clear Horizon Early College High School targets annually.
- Monitor and adjust curriculum gaps that may occur between dual credit courses and end of course exams (STAAR).