

Career Technical Education Industry Certification Exam Statistical Highlights from 2009-2012

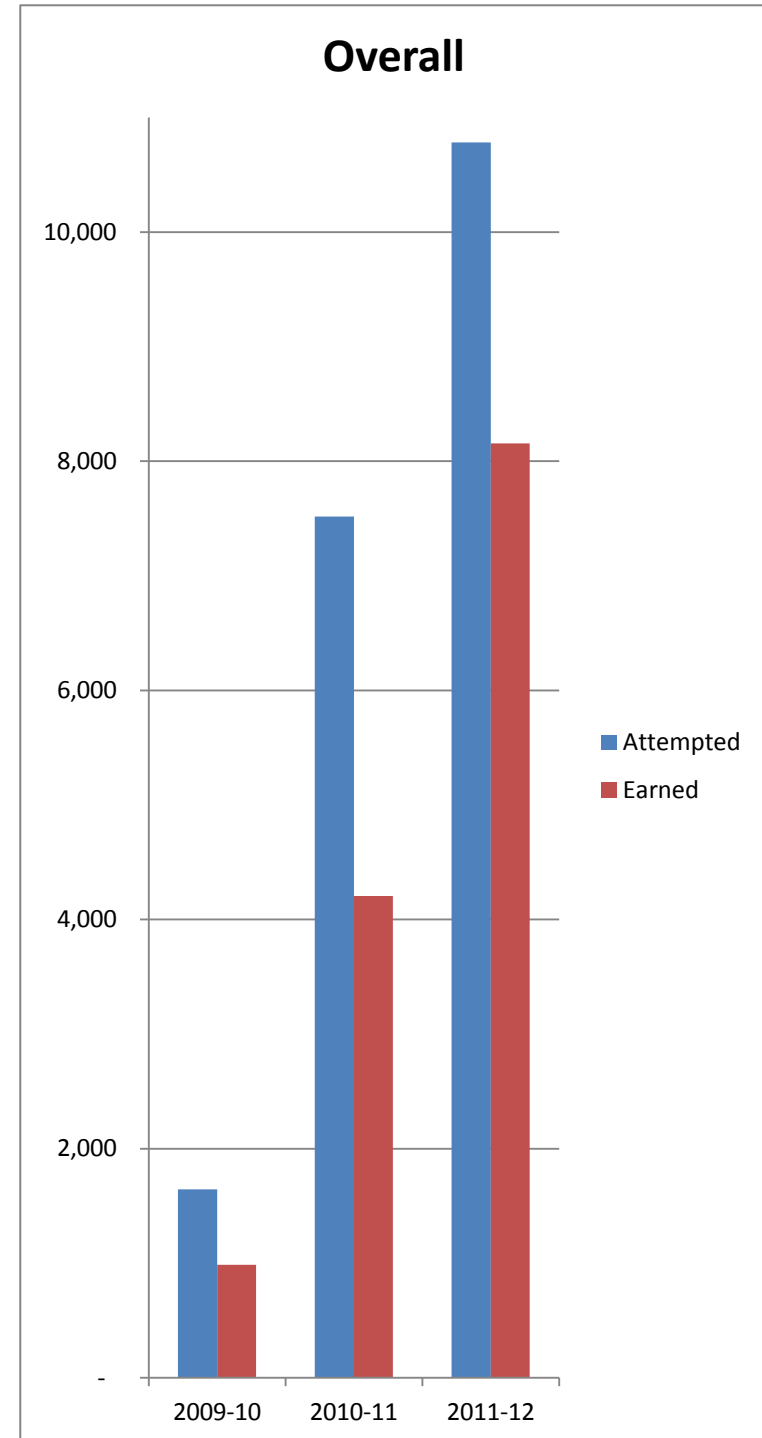
- A total of 769 female students took an ICE in 2009-2010 increasing to 3,770 in 2010-2011 and 5,195 in 2011-2012 increasing female participation rate by 38% in the last two years.
- Female passing rates have improved from 439 female students in 2009-10 to 2,144 in 2010-11 to 3,928 in 2011-2012 increasing female passing rate by 83 % in the last two years.
- A total of 876 male students took an ICE in 2009-2010 increasing to 3,746 in 2010-2011 to 5,588 in 2011-12 increasing male participation by 51% in the last two years.
- Male passing rates have improved from 548 in 2009-10 to 2,062 in 2010-11 to 4,228 in 2011-12 increasing male passing rate by 105%.
- African American students have the largest increment rates in participation starting with 404 students in ICE in 2009-10, 1,873 in 2010-11 and in 2011-12 with 3,784 students participating with an increment of 102% in the last two school years.
- African American group have the largest passing rate increment among other groups with 142.7% students passing ICE.
- Even when the Hispanic group has maintained the largest numbers of participants in the last three years, it ranked very low compared to the rest of the groups in its participation increment rate with only 22.2% increment rate.
- The Hispanic group ranked third in passing rate increment after African American and White groups with 76.2%.
- In the last two years, 61.36% of schools have achieved results over the district mean.
- In 2009-2010, 66.67% of the schools that attempted ICE were above CAPE requirement of 50% passing rate.
- In 2010-2011, 81.82% of schools that attempted ICE were above 50% CAPE requirements.
- In 2011-2012, 88.64% of schools that attempted ICE were above 50% CAPE requirement.
- In the last two years, 44.44% more CAPE academies have achieved a 50% or greater passing rate among their participants.

Career Technical Education Industry Certification Exam (ICE) Statistical Analysis by Gender from 2009 through 2012 *

District Totals by Gender *							
School Year	Industry Certification Exam	Overall		Female **		Male **	
		Attempted	Earned	Attempted	Earned	Attempted	Earned
2009-10	24	1,645	987	769	439	876	548
2010-11	32	7,516	4,206	3,770	2,144	3,746	2,062
2011-12	41	10,783	8,156	5,195	3,928	5,588	4,228

* Produced by the Department of Career and Technical Education

** Data obtained from Information Technology Services



District Increment Rate by Gender *							
School Year	Industry Certification Exam	Overall		Female **		Male **	
		Attempted	Earned	Attempted	Earned	Attempted	Earned
2010-11	32	7,516	4,206	3,770	2,144	3,746	2,062
2011-12	41	10,783	8,156	5,195	3,928	5,588	4,228
Increment/ Decrement	28.1%	43%	94%	38%	83%	49%	105%

* Produced by the Department of Career and Technical Education

** Data obtained from Information Technology Services

Industry Certification Exams Ethnicity Analysis from 2009 through 2012 School Years

Table: 1.1 Number of test Administered *			
Ethnicity	2009-10 **	2010-11 **	2011-12 **
African American	404	1,873	3,784
Hispanic	1,036	5,009	6,120
White	158	501	696
Other	47	133	183
Indian	6	12	13
Multi-Racial	5	10	23
Asian	36	111	147
Totals	1,645	7,516	10,783

* Produced by the Department of Career and Technical Education

** Data obtained from Information Technology Services

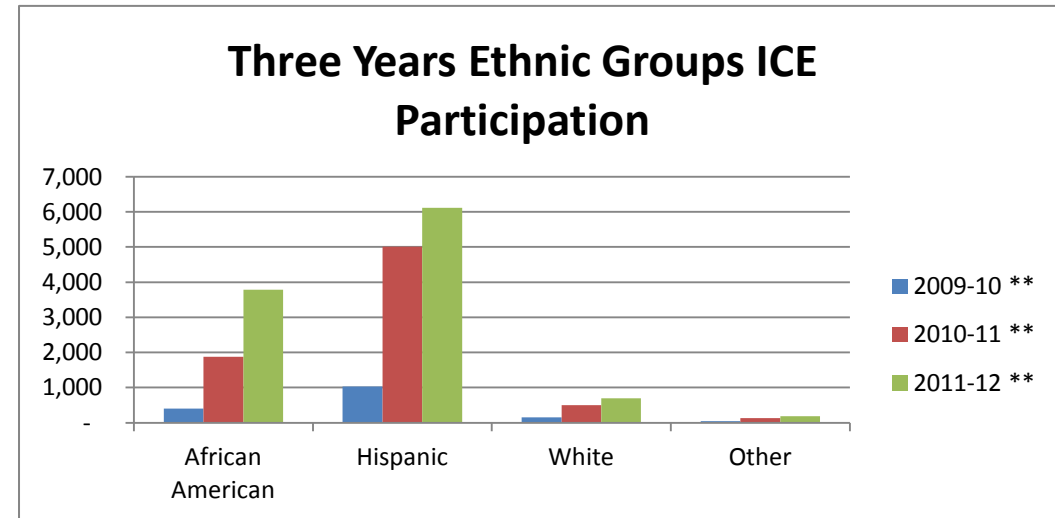
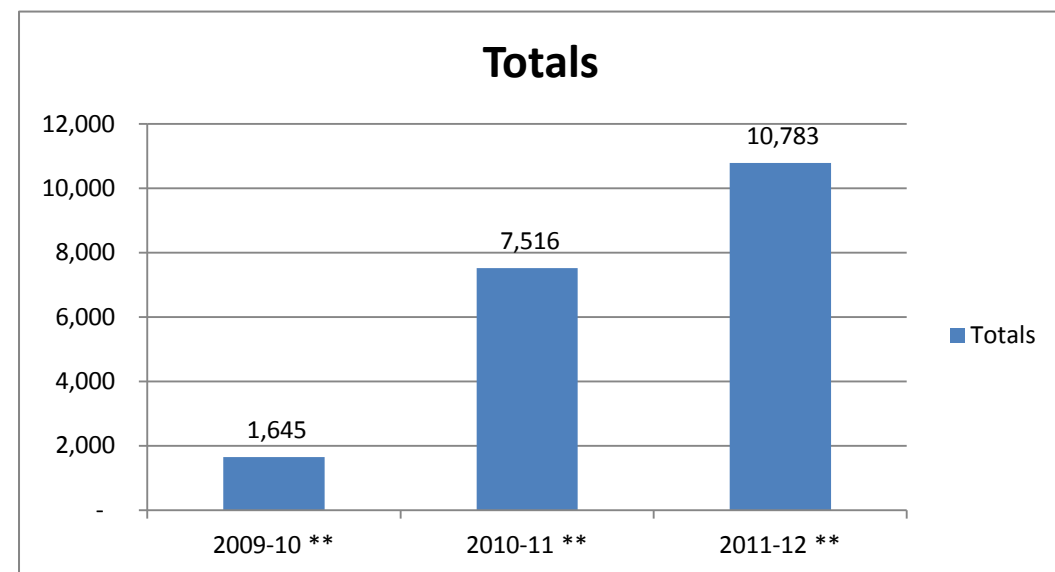


Table: 1.2 % of Students ICE Participation Increment for the Last Two Years *			
Ethnicity	2010-11 **	2011-12 **	Increment/Decrement
African American	1,873	3,784	102.0%
Hispanic	5,009	6,120	22.2%
White	501	696	38.9%
Other	133	183	37.6%
Indian	12	13	8.3%
Multi-Racial	10	23	130.0%
Asian	111	147	32.4%
Totals	7,516	10,783	43.5%

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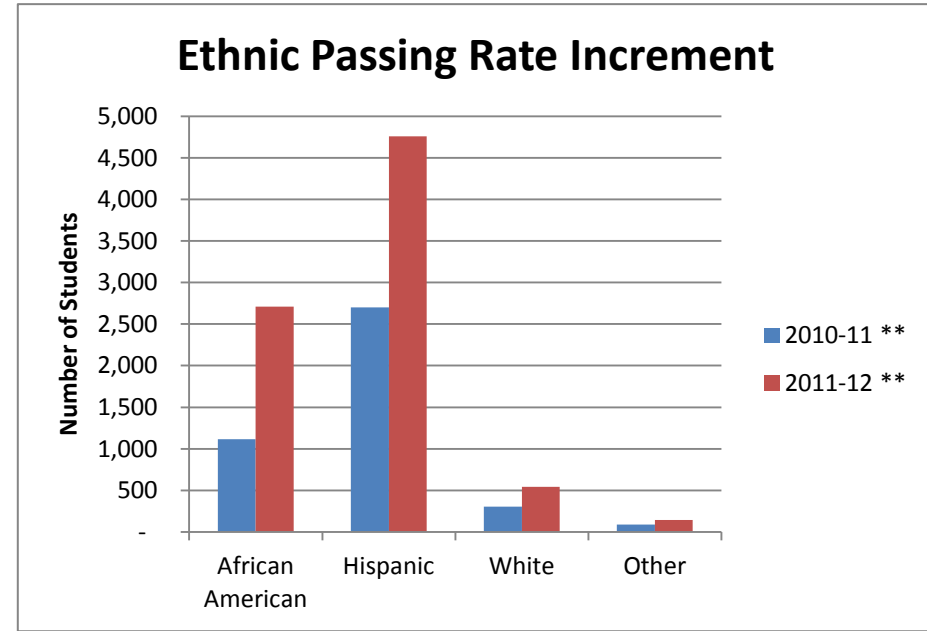


Industry Certification Exams (ICE) Ethnicity Analysis from 2009 through 2012 School Years

Table: 1.3 Increment/Decrement ICE Passing Rate for the Last Two Years *			
Ethnicity	2010-11 **	2011-12 **	Increment/ Decrement
African American	1,116	2,709	142.7%
Hispanic	2,701	4,760	76.2%
White	302	544	80.1%
Other	87	143	64.4%
Indian	8	10	25.0%
Multi-Racial	5	14	180.0%
Asian	74	119	60.8%
Totals	4,206	8,156	93.9%

* Produced by the Department of Career and Technical Education

** Data obtained from Information Technology Services



Industry Certification Exam (ICE) Secondary Schools Participation and Passing Rate Analysis from 2009 through 2012

Loc#	School Name	2009-2010			2010-2011			2011-2012		
		33 Schools Participated			46 Schools Participated			44 Schools Participated		
		Total	Pass	Passing Rate	Total	Pass	Passing Rate	Total	Pass	Passing Rate
7011	American SHS	44	27	61.36%	388	51	13.14%	570	164	28.77%
7014	Mater Performing Arts & Entertainment Academy		-		1	1	100.00%	2	2	100.00%
7048	Alonzo and Tracy Mourning Senior High Biscayne Bay		-		21	16	76.19%	199	111	55.78%
7049	Westland Hialeah Senior High		-		307	168	54.72%	137	108	78.83%
7051	G. Holmes Braddock Senior High	68	54	79.41%	345	244	70.72%	473	328	69.34%
7056	Young Men's Preparatory Academy	1	-	0.00%	4	-	0.00%	23	17	73.91%
7071	Coral Gables SHS	17	9	52.94%	143	63	44.06%	106	98	92.45%
7081	Design & Architecture Senior High		-		21	-	0.00%		-	
7101	Coral Reef Senior High School	24	19	79.17%	21	9	42.86%	160	137	85.63%
7111	Hialeah Senior High School	112	77	68.75%	225	148	65.78%	432	387	89.58%
7121	John A. Ferguson Senior High	88	46	52.27%	351	302	86.04%	523	492	94.07%
7131	Hialeah-Miami Lakes Senior High		-		172	33	19.19%	277	246	88.81%
7141	Dr. Michael M. Krop Senior High	171	127	74.27%	163	137	84.05%	183	165	90.16%
7151	Homestead Senior High	23	12	52.17%	146	69	47.26%	380	245	64.47%
7160	Mater Academy Charter High School	10	10	100.00%	38	36	94.74%	53	52	98.11%
7161	Maritime & Science Technology - MAST		-		3	3	100.00%	9	8	88.89%
7191	Hialeah Gardens Senior High		-		179	127	70.95%	201	160	79.60%
7201	Miami Beach Senior High	19	11	57.89%	60	47	78.33%	183	114	62.30%
7231	Miami Carol City Senior High	4	1	25.00%	181	108	59.67%	428	366	85.51%
7241	Ronald W. Reagan/CAPE Doral Senior High		-		24	12	50.00%	102	74	72.55%
7251	Miami Central Senior High School	19	5	26.32%	188	145	77.13%	659	207	31.41%
7271	Miami Coral Park Senior High	20	19	95.00%	1,020	369	36.18%	544	483	88.79%
7301	Miami Edison Senior High		-		57	23	40.35%	23	9	39.13%
7341	Miami Jackson Senior High School	10	3	30.00%	156	80	51.28%	167	79	47.31%
7361	Miami Killian SHS	77	29	37.66%	114	2	1.75%	124	97	78.23%
7371	Robert Morgan Educational Center	58	40	68.97%	226	144	63.72%	265	233	87.92%
7381	Miami Norland Senior High		-		45	33	73.33%	470	444	94.47%
7391	Miami Lakes Educational Center	131	116	88.55%	213	165	77.46%	267	238	89.14%
7411	Miami Northwestern Senior High	27	21	77.78%	146	115	78.77%	434	391	90.09%
7431	Miami Palmetto Senior High School	16	7	43.75%	166	150	90.36%	224	195	87.05%
7461	Miami Senior High School	43	29	67.44%	65	53	81.54%	178	157	88.20%
7511	Miami Springs Senior High School		-		21	20	95.24%	162	156	96.30%
7531	Miami Sunset Senior High School	29	27	93.10%	129	50	38.76%	135	82	60.74%

Industry Certification Exam (ICE) Secondary Schools Participation and Passing Rate Analysis from 2009 through 2012

Loc#	School Name	2009-2010			2010-2011			2011-2012		
		33 Schools Participated			46 Schools Participated			44 Schools Participated		
		Total	Pass	Passing Rate	Total	Pass	Passing Rate	Total	Pass	Passing Rate
7541	North Miami Beach Senior High School	146	78	53.42%	168	128	76.19%	125	109	87.20%
7581	Ipreparatory Academy		-			-		19	19	100.00%
7591	North Miami Senior High		-		236	145	61.44%	435	363	83.45%
7601	William H. Turner Technical Arts High School	128	62	48.44%	258	188	72.87%	292	212	72.60%
7701	South Dade Senior High School	8	1	12.50%	189	65	34.39%	165	80	48.48%
7721	South Miami Senior High		-			-		59	53	89.83%
7731	Miami Southridge Senior High	75	29	38.67%	528	248	46.97%	673	484	71.92%
7741	Southwest Miami Senior High	33	24	72.73%	342	177	51.75%	347	321	92.51%
7751	Barbara Goleman SHS	22	22	100.00%	36	19	52.78%	99	88	88.89%
7781	Felix Varela Senior High School	162	39	24.07%	140	74	52.86%	132	115	87.12%
7791	Booker T. Washington SHS	26	20	76.92%	141	101	71.63%	342	265	77.49%
7801	George T. Baker Aviation	12	12	100.00%	135	135	100.00%		-	
8005	Lindsey Hopkins Technical		-		1	-	0.00%		-	
8121	Cope Center North	8	-			-				
8131	Dorothy M. Wallace Cope Center	14	11	78.57%	2	2	100.00%		-	
8901	Miami Lakes Educational Center		-			-		2	2	100.00%
9732			-		1	1	100.00%			
District Wide Participation Totals		1,645	987	60.00%	7,516	4,206	55.96%	10,783	8,156	75.64%
District Wide Schools Average Passing Rate				60.54%			60.53%			79.02%

Industry Certification Exam Data Analysis: Schools Performing above District Mean of 79.02% for 2011-2012

Location Number	School Name	Total	Pass	Passing Rate
7014	Mater Performing Arts & Entertainment Academy	2	2	100.00%
7581	Ipreparatory Academy	19	19	100.00%
8901	Miami Lakes Educational Center	4	4	100.00%
7160	Mater Academy Charter High School	53	52	98.11%
7511	Miami Springs Senior High School	162	156	96.30%
7381	Miami Norland Senior High	470	444	94.47%
7121	John A. Ferguson Senior High	525	494	94.10%
7071	Coral Gables SHS	106	98	92.45%
7741	Southwest Miami Senior High	349	321	91.98%
7391	Miami Lakes Educational Center	318	289	90.88%
7111	Hialeah Senior High School	503	457	90.85%
7141	Dr. Michael M. Krop Senior High	183	165	90.16%
7411	Miami Northwestern Senior High	434	391	90.09%
7721	South Miami Senior High	59	53	89.83%
7271	Miami Coral Park Senior High	607	544	89.62%
7161	Maritime & Science Technology - MAST	9	8	88.89%
7751	Barbara Goleman SHS	99	88	88.89%
7131	Hialeah-Miami Lakes Senior High	277	246	88.81%
7371	Robert Morgan Educational Center	277	245	88.45%
7591	North Miami Senior High	618	546	88.35%
7461	Miami Senior High School	178	157	88.20%
7541	North Miami Beach Senior High School	125	109	87.20%
7781	Felix Varela Senior High School	132	115	87.12%
7431	Miami Palmetto Senior High School	224	195	87.05%
7101	Coral Reef Senior High School	160	137	85.63%
7231	Miami Carol City Senior High	442	374	84.62%
7191	Hialeah Gardens Senior High	201	160	79.60%

Schools attempting ICE	44
Schools above district mean of 79.02 %	27
Percentage of schools above district mean	61.36%

**Industry Certification Exam (ICE) Data Analysis:
Schools above CAPE Academy requirement of 50% Passing Rate
in 2009-2010**

School Loc #	School Name	Total	Pass	Passing Rate
7160	Mater Academy Charter High School	10	10	100.00%
7751	Barbara Goleman SHS	22	22	100.00%
7801	George T. Baker Aviation	12	12	100.00%
7271	Miami Coral Park Senior High	20	19	95.00%
7531	Miami Sunset Senior High School	29	27	93.10%
7391	Miami Lakes Educational Center	131	116	88.55%
7051	G. Holmes Braddock Senior High	68	54	79.41%
7101	Coral Reef Senior High School	24	19	79.17%
8131	Dorothy M. Wallace Cope Center	14	11	78.57%
7411	Miami Northwestern Senior High	27	21	77.78%
7791	Booker T. Washington SHS	26	20	76.92%
7141	Dr. Michael M. Krop Senior High	171	127	74.27%
7741	Southwest Miami Senior High	33	24	72.73%
7371	Robert Morgan Educational Center	58	40	68.97%
7111	Hialeah Senior High School	112	77	68.75%
7461	Miami Senior High School	43	29	67.44%
7011	American SHS	44	27	61.36%
7201	Miami Beach Senior High	19	11	57.89%
7541	North Miami Beach Senior High School	146	78	53.42%
7071	Coral Gables SHS	17	9	52.94%
7121	John A. Ferguson Senior High	88	46	52.27%
7151	Homestead Senior High	23	12	52.17%

Schools attempting ICE	33
Schools above CAPE requirements of 50% passing rate	22
Percentage of schools above CAPE requirements	66.67%

**Industry Certification Exam Data Analysis:
Schools above CAPE Academy requirements of 50% Passing Rate
in 2010-2011**

Location #	School Name	Total	Pass	Passing Rate
7801	George T. Baker Aviation	135	135	100.00%
8131	Dorothy M. Wallace Cope Center	2	2	100.00%
7014	Mater Performing Arts & Entertainment Academy	1	1	100.00%
7161	Maritime & Science Technology - MAST	3	3	100.00%
9732	Brucie Ball Educational Center	1	1	100.00%
7511	Miami Springs Senior High School	21	20	95.24%
7160	Mater Academy Charter High School	38	36	94.74%
7431	Miami Palmetto Senior High School	166	150	90.36%
7121	John A. Ferguson Senior High	351	302	86.04%
7141	Dr. Michael M. Krop Senior High	163	137	84.05%
7461	Miami Senior High School	65	53	81.54%
7411	Miami Northwestern Senior High	146	115	78.77%
7201	Miami Beach Senior High	60	47	78.33%
7391	Miami Lakes Educational Center	213	165	77.46%
7251	Miami Central Senior High School	188	145	77.13%
7541	North Miami Beach Senior High School	168	128	76.19%
7048	Alonzo and Tracy Mourning Senior High Biscayne Bay	21	16	76.19%
7381	Miami Norland Senior High	45	33	73.33%
7601	William H. Turner Technical Arts High School	258	188	72.87%
7791	Booker T. Washington SHS	141	101	71.63%
7191	Hialeah Gardens Senior High	179	127	70.95%
7051	G. Holmes Braddock Senior High	345	244	70.72%
7111	Hialeah Senior High School	225	148	65.78%
7371	Robert Morgan Educational Center	226	144	63.72%
7591	North Miami Senior High	236	145	61.44%
7231	Miami Carol City Senior High	181	108	59.67%
7049	Westland Hialeah Senior High	307	168	54.72%
7781	Felix Varela Senior High School	140	74	52.86%
7751	Barbara Goleman SHS	36	19	52.78%
7741	Southwest Miami Senior High	342	177	51.75%
7341	Miami Jackson Senior High School	156	80	51.28%
7241	Ronald W. Reagan/CAPE Doral Senior High	24	12	50.00%

Schools attempting ICE	46
Schools above CAPE requirements of 50% passing rate	27
Percentage of schools above CAPE requirements	58.70%

Industry Certification Exam (ICE) Data Analysis:
Schools above CAPE Academy requirements of 50% Passing Rate
in 2011-2012

Loc#	School Name	Total	Pass	Passing Rate
7014	Mater Performing Arts & Entertainment Academy	2	2	100.00%
7581	Ipreparatory Academy	19	19	100.00%
8901	Miami Lakes Educational Center	4	4	100.00%
7160	Mater Academy Charter High School	53	52	98.11%
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7411	Miami Northwestern Senior High	434	391	90.09%
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7101	Coral Reef Senior High School	160	137	85.63%
7231	Miami Carol City Senior High	442	374	84.62%
7191	Hialeah Gardens Senior High	201	160	79.60%
7049	Westland Hialeah Senior High	137	108	78.83%
7361	Miami Killian SHS	210	165	78.57%
7791	Booker T. Washington SHS	352	268	76.14%
7056	Young Men's Preparatory Adacemy	23	17	73.91%
7601	William H. Turner Technical Arts High School	300	220	73.33%
7241	Ronald W. Reagan/CAPE Doral Senior High	102	74	72.55%
7731	Miami Southridge Senior High	674	485	71.96%
7051	G. Holmes Braddock Senior High	477	330	69.18%

Industry Certification Exam (ICE) Data Analysis:
Schools above CAPE Academy requirements of 50% Passing Rate
in 2011-2012

Loc#	School Name	Total	Pass	Passing Rate
7151	Homestead Senior High	392	254	64.80%
7201	Miami Beach Senior High	183	114	62.30%
7531	Miami Sunset Senior High School	139	82	58.99%
7048	Alonzo and Tracy Mourning Senior High Biscayne Bay	199	111	55.78%

Schools attempting ICE	44
Schools above CAPE requirements of 50% passing rate	39
Percentage of schools above CAPE requirements	88.64%
Last two years increment rate of schools above CAPE requirements	44.44%