

Increasing Your State's Capacity to Share Your Data Effectively

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Austin, TX – March 7-8, 2018

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Agenda

- Welcome and Introductions
- State Presentation
- State Discussion
- Introduce the *IDC Part B Indicator Data Display Wizard*
- Data Visualization Interactive Activity
- Exit Ticket

High-Quality Data Use

- Is informed by protocols for ensuring quality data are available for analysis and reporting
- Is the development of materials and resources to help facilitate understanding of the data
- Addresses strategies and procedures of using data, including
 - Preparing data for analysis
 - Screening data for quality
 - Understanding potential data products that may be available

Source: IDEA Data Center Part B Data System Framework

https://ideadata.org/sites/default/files/media/documents/2017-09/49903_idc_part-b_framework_508.pdf

Key Themes of Today's Workshop

- Who's the audience
- What message are you trying to communicate
- What data visualization is most appropriate to use

*“The idea is to go from
numbers to information to
knowledge”*

...then use this knowledge.

Communicating Data

What is this saying?
Who knows?
No one...

FY09 SWD Discipline Intra-District Relative Suspension by Race/Ethnicity																						
2009	Student Count							SWD District Enrollment							District SWD Relative Suspension Risk by Race							
	In-school and Out-of-school Suspensions Totalling >10 days																					
District	American Indian/Alaskan	Asian/Pacific Islander	Black	Hispanic	Multi-Racial	White	All Races	American Indian/Alaskan	Asian/Pacific Islander	Black	Hispanic	Multi-Racial	White	All Races	American Indian/Alaskan	Asian/Pacific Islander	Black	Hispanic	Multi-Racial	White	FY09 Significant Risk	FY08 and FY09 Significant Disproportionality
601			3			3	6		1	154	39	7	339	540	*	*	*	*	*	*		
602			4	2			6		1	51	51	11	88	202	*	*	*	*	*	*		
761			131	2			135		16	3,742	150	43	432	4,383		0.00	5.61	0.42	0.00	0.14	✓	☑
603			4			6	10			69	8	7	161	245			1.70	0.00	0.00	0.78		
604			8			1	9			56	2		11	69	*	*	*	*	*	*		
605			33			3	36		2	498	4	12	211	727		0.00	5.06	0.00	0.00	0.22	✓	
606				1		5	6		3	14	18	11	374	420	*	*	*	*	*	*		
607			9	1	1	25	36	2	30	227	84	64	1,060	1,467	0.00	0.00	1.82	0.47	0.63	0.87		
608		1	11	2	1	55	70	3	9	172	73	46	1,523	1,826	0.00	2.93	1.79	0.71	0.56	0.73		
609			14			10	24	1	3	189	11	3	170	377	0.00	0.00	1.39	0.00	0.00	0.87		
610			2			10	12			44	19	9	280	352			1.40	0.00	0.00	1.29		
611			138	2	1	14	155	2	23	2,105	38	46	685	2,899	0.00	0.00	3.06	0.98	0.40	0.32	✓	
612			2			2	4		1	147	5	6	207	366	*	*	*	*	*	*		
613						11	11		3	15	5	3	362	388		0.00	0.00	0.00	0.00			
763									1	48		5	188	242	*	*	*	*	*	*		
614			10				10		1	139	10	5	98	253		0.00		0.00	0.00	0.00		
615			2		1	3	6	1	7	87	9	17	354	475	*	*	*	*	*	*		
764								1	3	62	88	15	177	346	*	*	*	*	*	*		
616			19	1	1	10	31	1	7	523	19	23	597	1,170	0.00	0.00	1.96	2.02	1.66	0.46		
617			31			4	35			316	4	4	146	470			3.78	0.00	0.00	0.29	✓	
618			10			7	17	1	1	157	4	9	300	472	0.00	0.00	2.87	0.00	0.00	0.40		
765				1		1	2	1	2	47	89	13	199	351	*	*	*	*	*	*		
619			8				8			73			7	80	*	*	*	*	*	*		
620			13		1	10	24	13	7	312	32	45	577	986	0.00	0.00	2.55	0.00	0.91	0.51		
621			7	3		6	16			95	20	3	114	232			1.12	2.45	0.00	0.62		
622			24	1	2	35	62	1	5	431	46	64	1,239	1,786	0.00	0.00	1.99	0.62	0.90	0.57		
766			3		1	1	5	1	1	143	17	15	122	299	*	*	*	*	*	*		
767	1		3			4	8	1	1	106	32	13	183	336	*	*	*	*	*	*		
623		2	3		4	47	56	9	9	50	17	30	1,385	1,500	6.14	0.00	1.64	0.00	3.77	0.43	✓	
795										2			14	16	*	*	*	*	*	*		
624			1			1	2	1	2	52			105	160	*	*	*	*	*	*		
625		1	147	1	2	12	163	7	37	2,376	91	109	1,116	3,736	0.00	0.62	5.26	0.25	0.41	0.19	✓	

“I can ‘read’ this...”

“I can do the math!”

“Now that I understand it, I can do something about it!”

SIGNIFICANT DISPROPORTIONALITY – EVENTS PER STUDENT RATIO

FY18 Determination

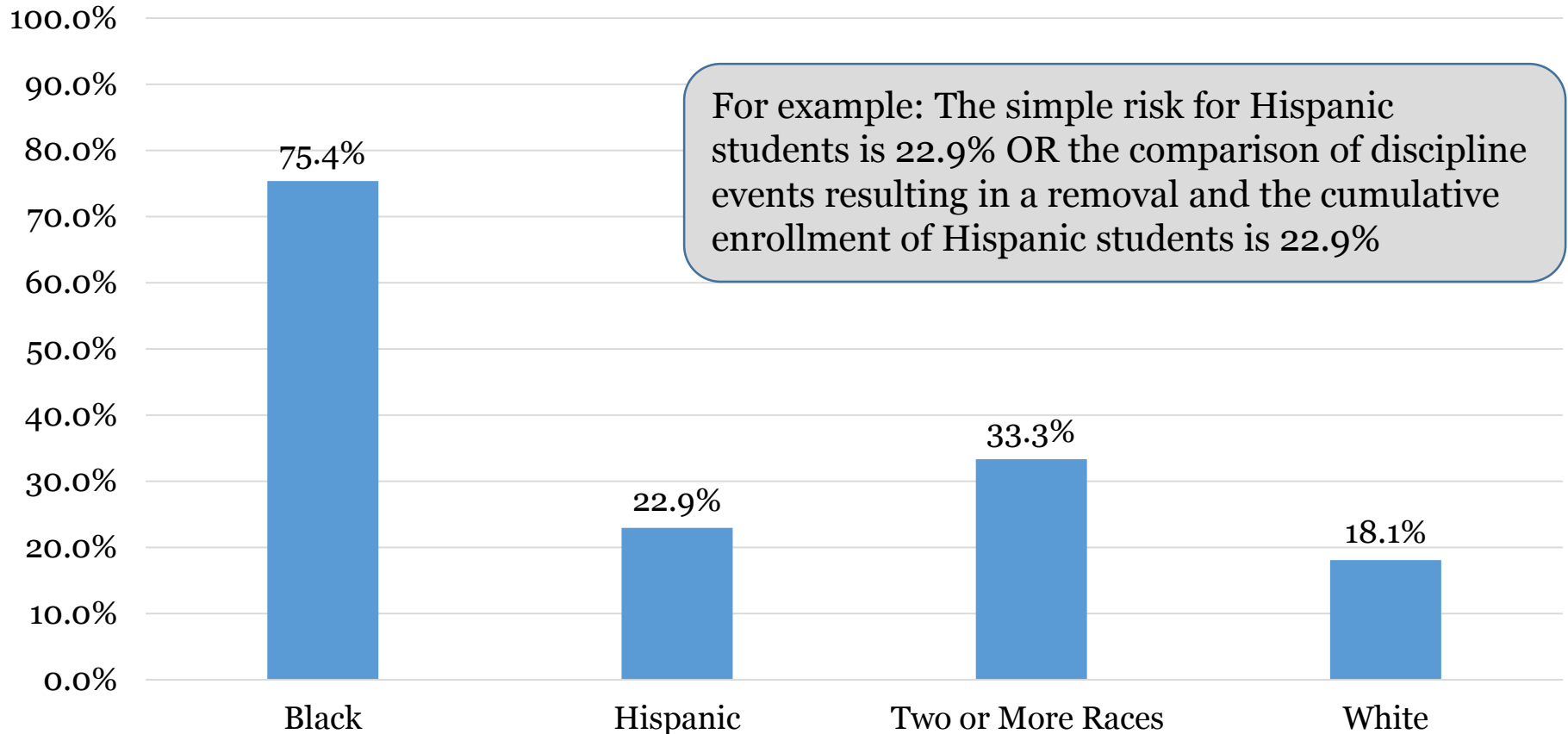
District	Race/ethnicity	Discipline Event Count	Cumulative SWD Enrollment	Risk Ratio
Local District	American Indian	0	2	0
Local District	Asian	3	14	0.3894
Local District	Black	974	1292	3.4905
Local District	Hispanic	81	353	0.3745
Local District	Two or More	24	72	0.5999
Local District	White	65	360	0.2892
State of Georgia	American Indian	181	507	0.9039
State of Georgia	Asian	282	4483	0.1568
State of Georgia	Black	55802	94347	2.217
State of Georgia	Hispanic	9465	33103	0.6933
State of Georgia	Pacific Islander	55	207	0.6727
State of Georgia	Two or More	3407	8607	1.0025
State of Georgia	White	25231	97857	0.5264

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*Data Source: 2017 June SR Data Collection

A Picture Tells the Story

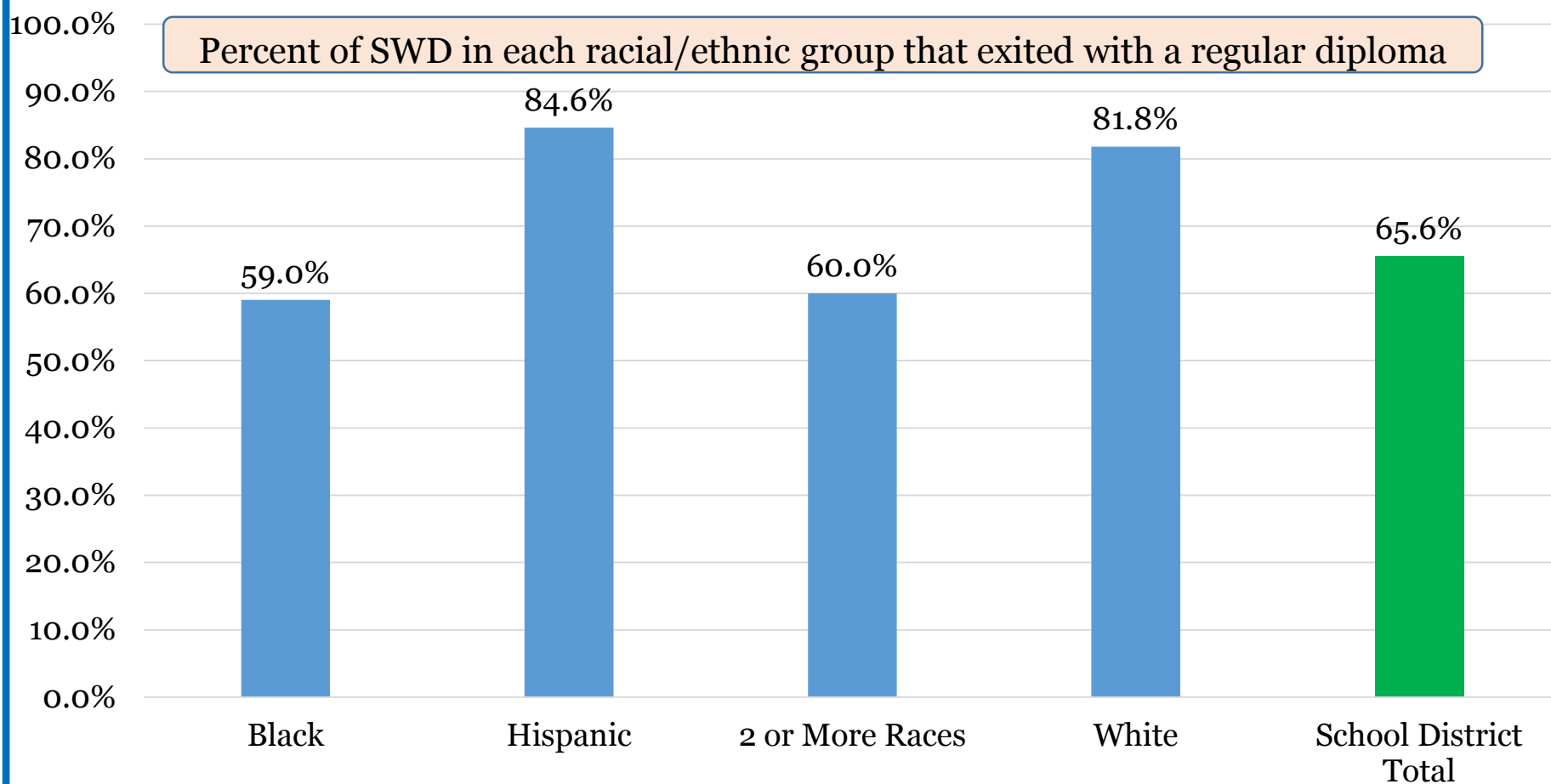
ABC District: Discipline Events Resulting in Removal (ISS or OSS);
Percent of the Enrollment for Each Race/Ethnicity



Graduation Data

Annual Event SWD Graduation Rate; % of Exiters with HS Diploma

Percent of SWD in each racial/ethnic group that exited with a regular diploma



Dashboard View of Postsecondary Outcomes

System Data Submission

School Year:

System ID: 660

System Name: Fulton County

Total number of special education students exiting secondary education

Element	Count	Percentage
College/University	239	38.24%
Competitive Employment	173	27.68%
Postsecondary Education	58	9.28%
Other Employment	81	12.96%
UnEngaged + Waiting List	74	11.84%
Total Respondents	625	NA
Survey Rate of Return	NA	93.7%
Deceased	0	
Unable to Contact	42	
Returned to High School	0	

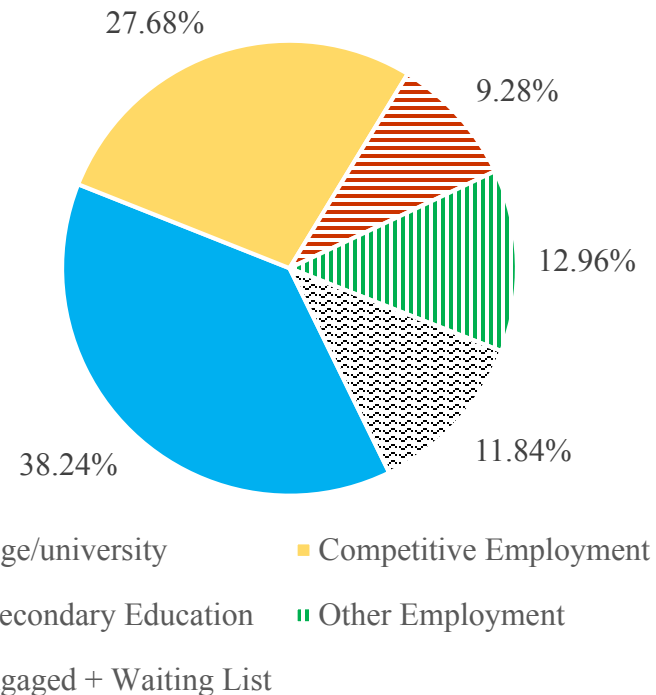
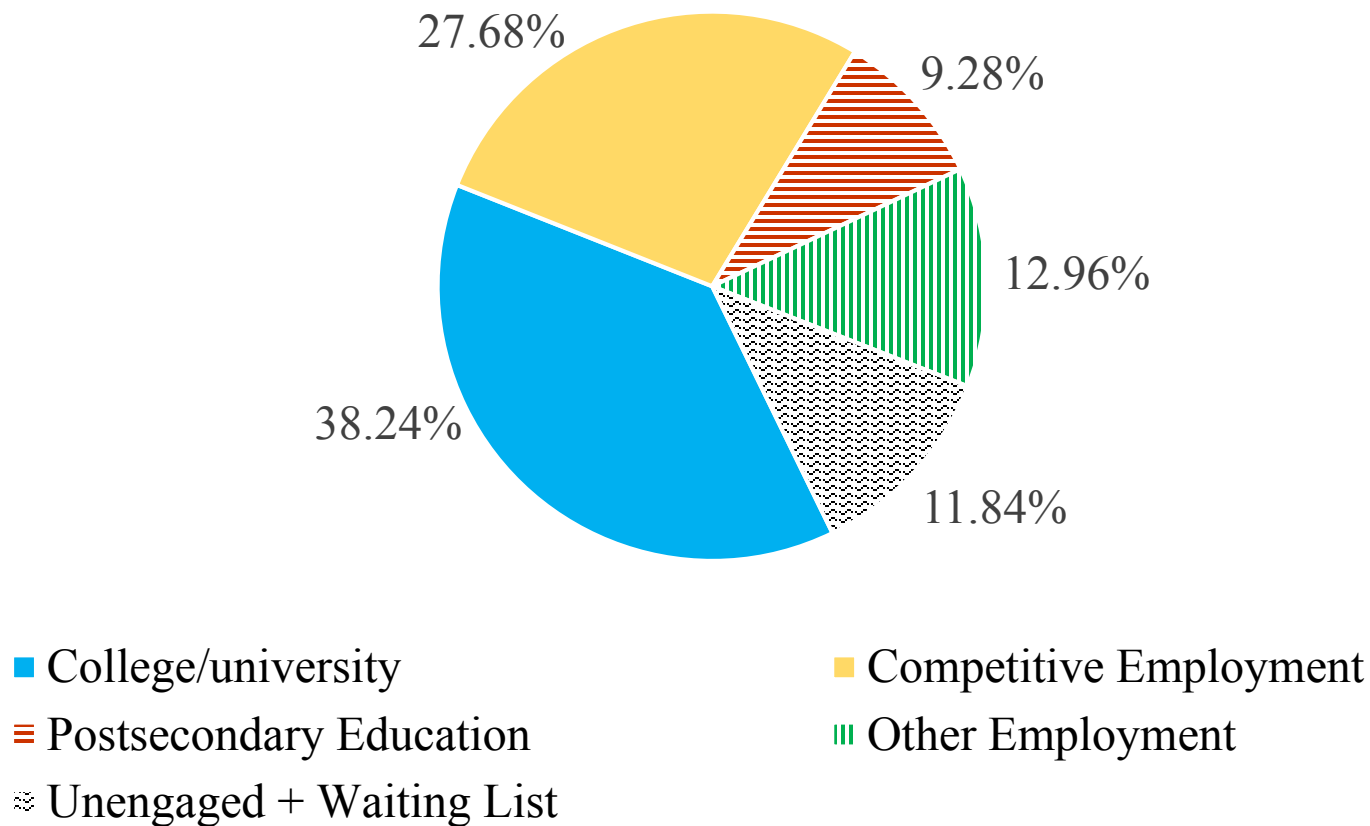


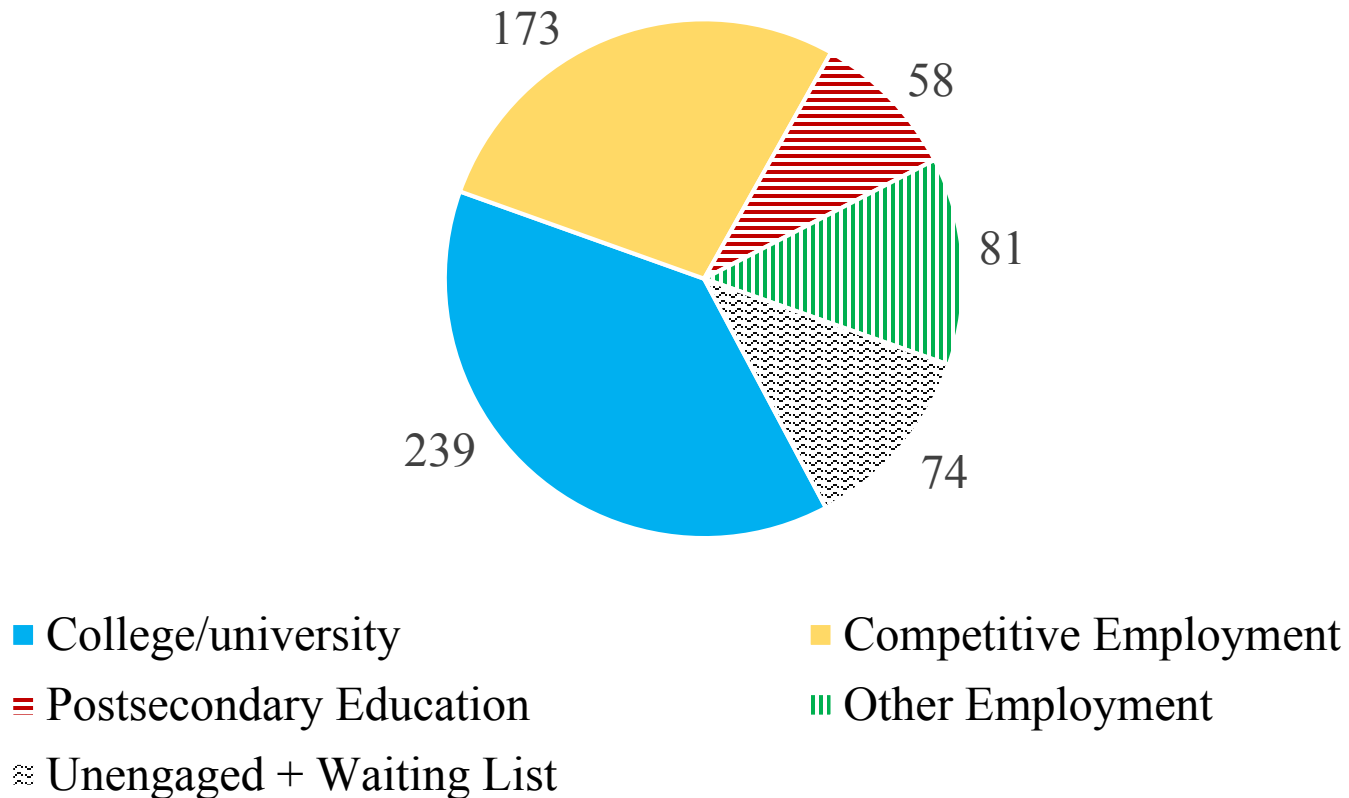
Chart: Percentages

ABC School District: Postsecondary Activity of FY16 SWD Exiters Reported in FY17



Post Activity Chart: Count

ABC School District: Postsecondary Activity of FY16 SWD
Exiters Reported in FY17, Count



Next Steps: Who Are These Students?

School ID	School Name	Total Students	Total Students Completed
0106	Milton High School	41	41
0118	Hapeville Charter Career Academy	10	10
0119	Cambridge High School	28	28
0176	Banneker High School	50	50
0191	Roswell High School	52	52
0198	Centennial High School	52	52
0203	Northview High School	20	20
0205	Alpharetta High School	36	36
0291	Creekside High School	60	60
0383	McClarin High School	16	16
0386	Independence High School	11	11
0392	Chattahoochee High School	37	37
0691	Tri-Cities High School	68	68
0910	Johns Creek High School	23	23
1110	Langston Hughes High School	51	51
3066	Riverwood International Charter School	30	30
4062	North Springs High School	34	34
5069	Westlake High School	48	48

Next Steps

What does their Transition Plan say?

Gender	LEP	Primary Area	Race /	Exit Status	Postsecondary
M	N	Emotional/Behavioral Disorder	White	Graduated from High School	Unengaged
F	N	Mild Intellectual Disability	Black	Graduated from High School	Unengaged
F	N	Autism	White	Graduated from High School	Unengaged
F	N	Other Health Impairment	White	Graduated from High School	Unengaged
M	N	Other Health Impairment	White	Dropout	Unengaged

Gender	LEP	Primary Area	Race /	Exit Status	Postsecondary
M	N	Specific Learning Disability	White	Dropout	Other Employment - Part-Time, Self and Supported Employment
F	N	Specific Learning Disability	White	Dropout	Competitive Employment
M	N	Other Health Impairment	White	Dropout	Unengaged

Viewing by Disability Area and Race/Ethnicity

Gender ▾	LEP ▾	Primary Area ▾	Race / ▾	Exit Status ▾	Postsecondary ▾
F	N	Profound Intellectual Disability	White	Graduated from High School	Other Employment - Sheltered Work or Day Habilitation
F	N	Mild Intellectual Disability	Black	Graduated from High School	Unengaged
M	N	Mild Intellectual Disability	White	Graduated from High School	Other Employment - Sheltered Work or Day Habilitation
F	N	Moderate Intellectual Disability	White	Graduated from High School	Unengaged
M	N	Moderate Intellectual Disability	White	Graduated from High School	Other Employment - Sheltered Work or Day Habilitation

Gender ▾	LEP ▾	Primary Area ▾	Race / ▾	Exit Status ▾	Postsecondary ▾
M	N	Hearing Impairment	Hispanic	Graduated from High School	Competitive Employment
F	N	Autism	Hispanic	Graduated from High School	Enrolled in Other Postsecondary Education or Training
F	N	Specific Learning Disability	Pacific Islander	Graduated from High School	Competitive Employment
M	Y	Hearing Impairment	Hispanic	Graduated from High School	Competitive Employment
M	N	Other Health Impairment	Multi-Racial	Graduated from High School	Competitive Employment
M	N	Other Health Impairment	Hispanic	Graduated from High School	Competitive Employment
M	Y	Specific Learning Disability	Hispanic	Graduated from High School	Competitive Employment

Data Visualization: Providing Technical Assistance

- Encourages effective communication
 - Data
 - Ideas
 - Prompts conversations
- Promotes understanding
- Improves practices
- Teaches skills
- Inspires creativity
- Is fun



Amy Patterson
Part B Data Manager
Kentucky

Challenge

- Request: Provide exiting data as it relates to Indicator 14 (post-school outcomes)
- Audience: KY Interagency Transition Council – some agencies include
 - Department of Vocational Rehab
 - Council on Postsecondary Education
 - Department for Adult Education & Literacy
 - Office of School to Work
 - Kentucky Developmental Disabilities Council
- Available data:
 - Exiting data – graduation, dropout, moved known to continue
 - Secondary Transition data

How Should I Communicate These Data?

- This is a lot of data
- How do I show the data so the shareholders will best understand
- How do I make it interesting
- What is the best way to show trends over time
- Should I use bar charts and pie charts

Two Datasets

- The exiting data are better understood when we look at the Youth One Year Out
- I wondered if we could compare exit statuses vs. the 1-year outcomes

How I Began

- I began looking at the totals for each exit status
- I began making bar charts with the totals by district
- Also I began looking at totals by disability
- I would have liked to do an infographic that showed the percentage of students in each exit status
- The next step would have been to look at the students in each status to determine what they were doing 1 year later

Questions for State Discussion

***IDC Part B Indicator Data
Display Wizard
Demonstration***

Data Visualization Partner Activity

Data Visualization Group Activity

- Find a partner
- Pick one visualization on the Indicator 1 card
- Discuss how that visualization can communicate a specific data message in your state (10-15 minutes)
 - Who's the audience
 - What message are you trying to communicate
 - Why is the chosen data visualization appropriate for the message you're trying to communicate
- Share with the larger group

Exit Ticket

Provide feedback on the *IDC Part B Indicator Data Display Wizard*

- Do you like the wizard, why or why not
- What indicators would you like to see next
- What visualizations would you like to see next
- What additional feedback would you like to share about the tool

Questions?



Contact Us

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