

Session P2–TX Handouts

Diagnostic Tree Example

Questions to Ask When Reviewing Data

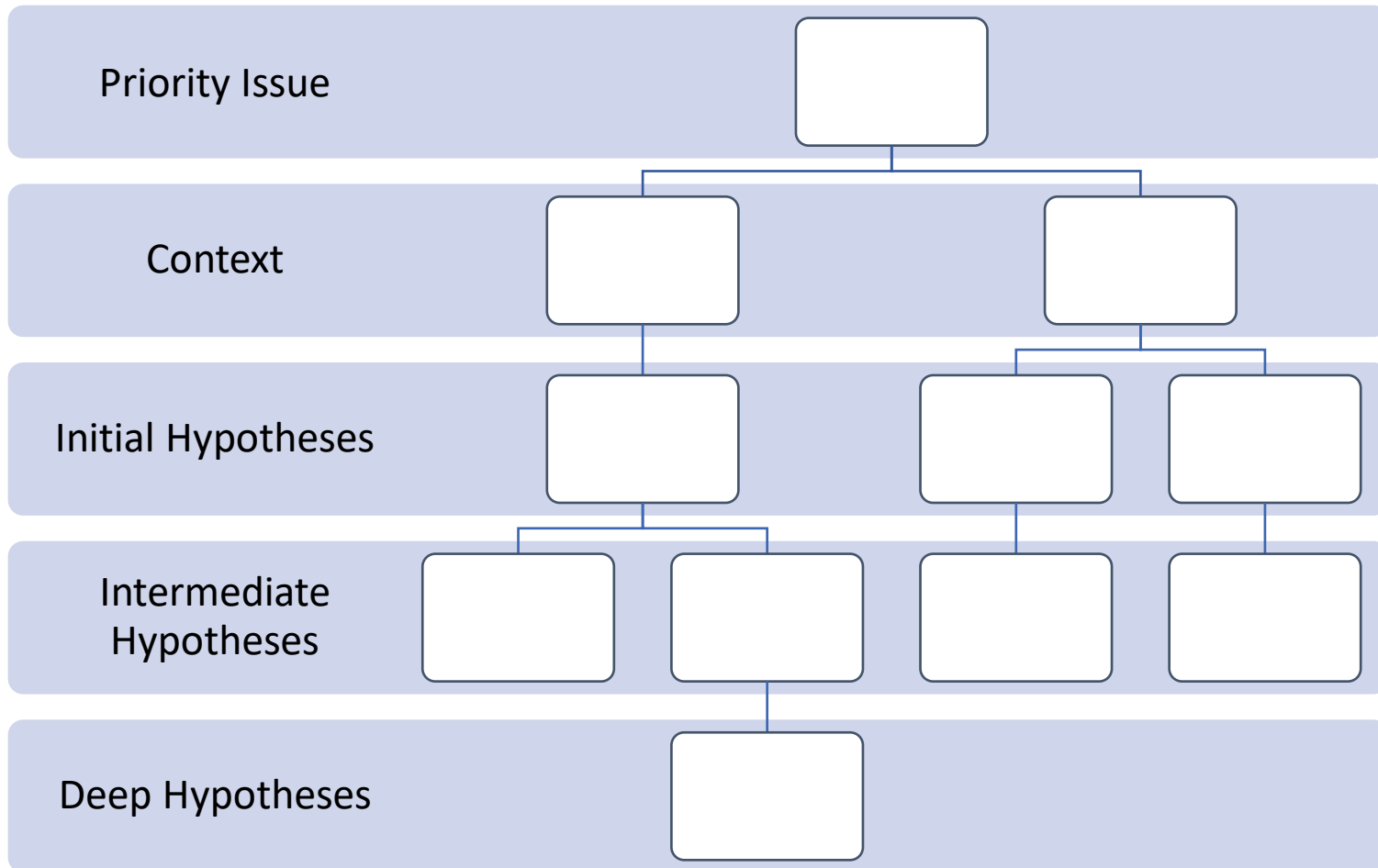
Developing Effective Practices for In-depth Data
Analysis to Improve Results

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Diagnostic Tree Example





Questions to Ask When Reviewing Data

Observations

- What are your initial thoughts or reactions?
- What do you know about the data?
- Are the data a change or part of a trend?
- Do the data surprise you?
- What do you want to know?

Interpretations

- What do the data tell you?
- What thoughts or assumptions do these data confirm?
- What are the limitations to your interpretations?
- What are your next questions?
- What further data do you want to see?

Implications

- What conclusions can you draw from the data?
- Why do these conclusions matter?
- What is/are the root cause(s) of any problems you identify; do you know yet?
- What do you still need to find out?
- Do you have enough data/information to move forward?



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Developing Effective Practices for In-depth Data Analysis to Improve Results

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LEA Data:

Indicator	SY 2016-2017	SY 2017-2018	SY 2018-2019
Indicator 1: Graduation Rate	53.57%	52.8%	56.13%
Indicator 2: Dropout Rate	4.6%	5.6%	4.69%
Indicator 3c:			
Reading Proficiency, ES, MS	18.2%	20.1%	17.73%
Reading Proficiency, HS	18.3%	18.86%	14.21%
Indicator 5:			
General Education > 80%	42.9%	41.24%	39.31%
General Education < 40%	27.4%	29.82%	31.33%
Separate Settings	1.2%	1.25%	1.19%

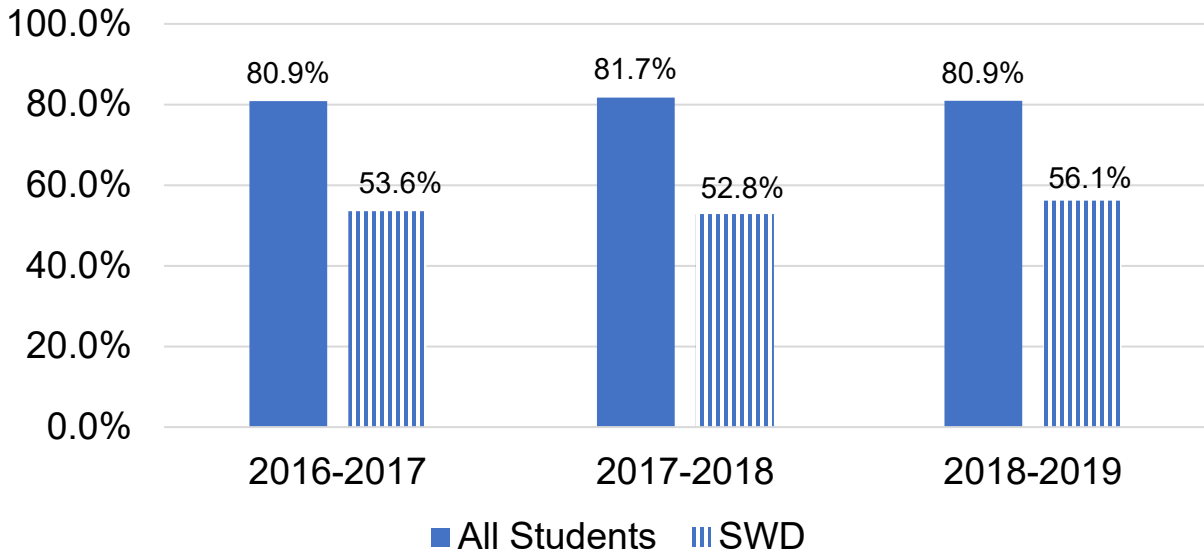


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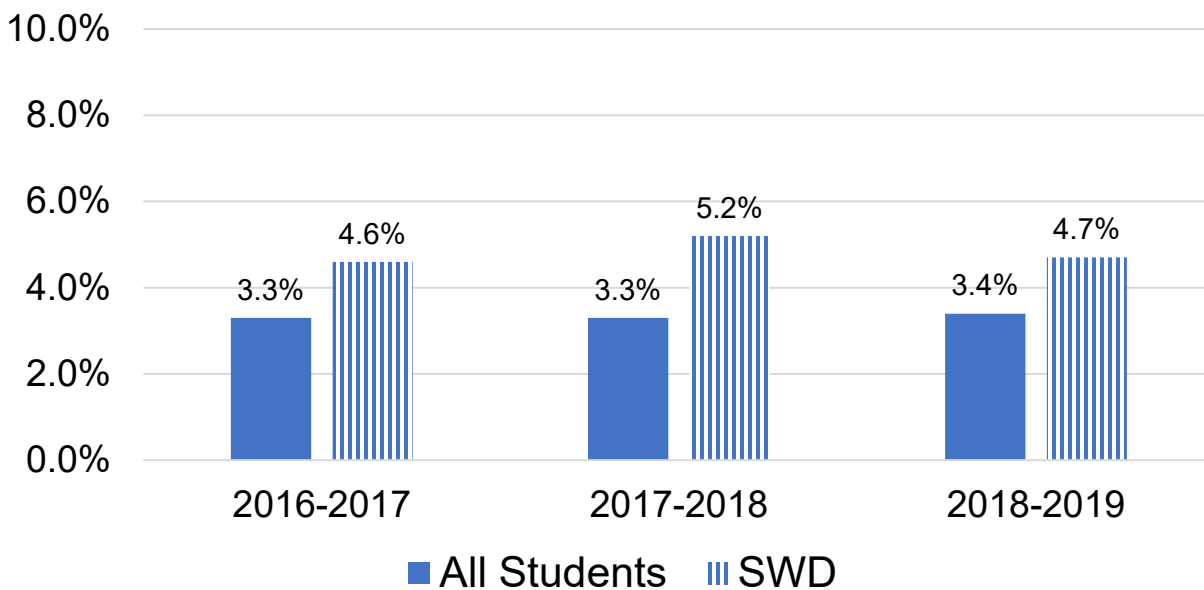
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4-year Cohort Graduation Rate



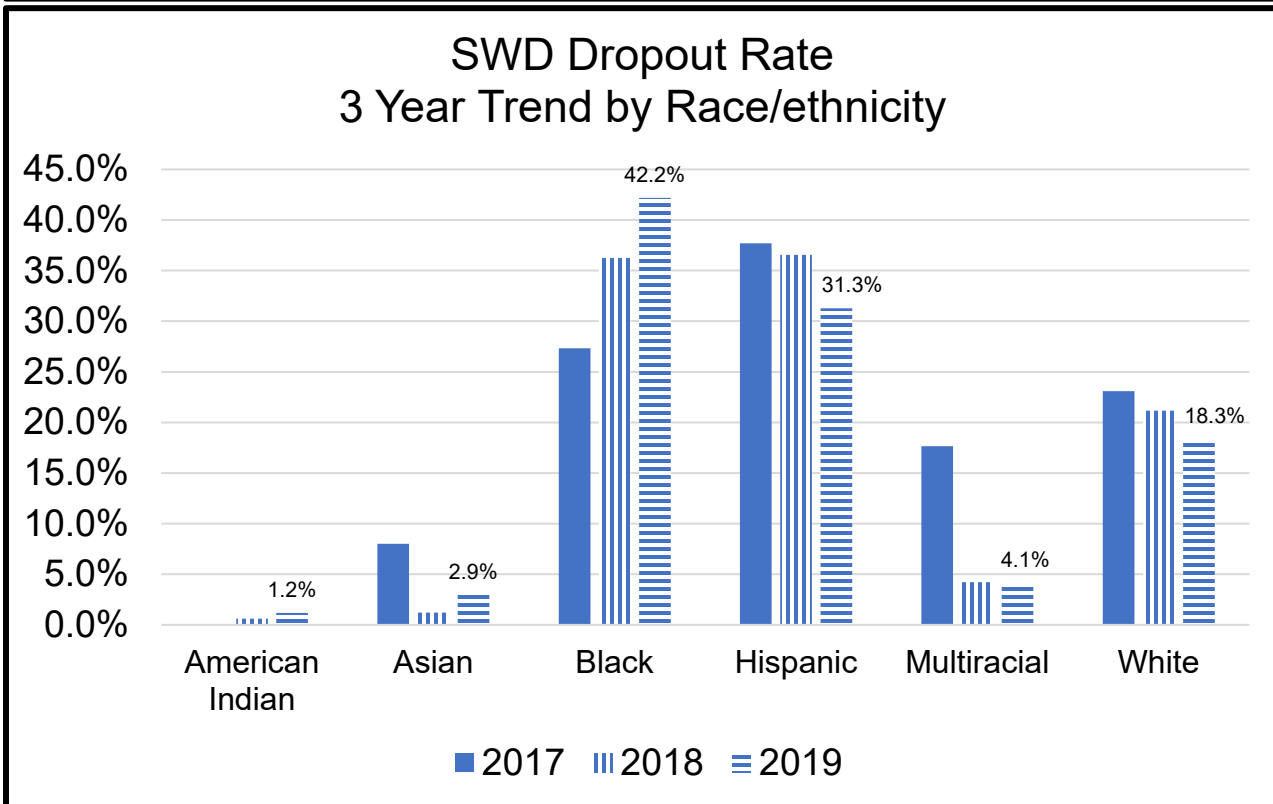
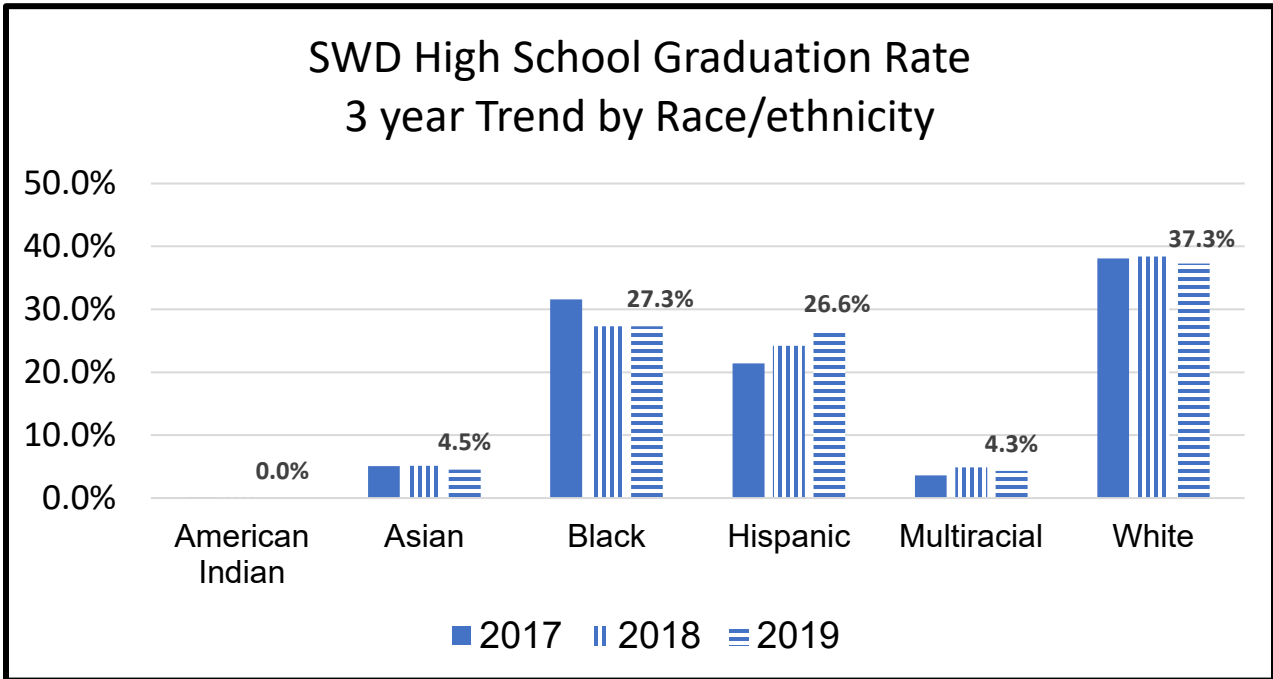
Dropout Rate; 3-year Trend; SWD and All Students



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Exiting by disability area data: Disability areas with fewer than 10 exiters are excluded

Data represent the percentage of each disability area that exited with one of the three reasons: dropout, high school diploma, certificate

2016-2017	Dropout	HS Diploma	Received Certificate	Number of Students
AUT	11.5%	63.1%	25.4%	122
EMN	56.5%	33.3%	10.2%	108
HI	0.0%	81.8%	18.2%	11
MR	19.4%	20.4%	60.2%	93
OHI	20.3%	73.4%	6.2%	290
SLD	25.1%	66.1%	8.8%	684
SLI	13.3%	80.0%	6.7%	15

Data represent the percentage of the total for each exit reason by disability area

2016-2017	Dropout	HS Diploma	Received Certificate	Number of Students
AUT	4.2%	9.3%	17.2%	122
EMN	18.4%	4.3%	6.1%	108
HI	0.0%	1.1%	1.1%	11
MR	5.4%	2.3%	31.1%	93
OHI	17.8%	25.6%	10.0%	290
SLD	0.6%	0.6%	0.0%	684
SLI	52.0%	54.4%	33.3%	15



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Data represent the percentage of each disability area that exited with one of the three reasons: dropout, high school diploma, certificate

2017-2018	Dropout	HS Diploma	Received Certificate	Number of Students
AUT	14.8%	61.1%	24.2%	149
EMN	54.7%	38.7%	6.6%	106
HI	16.7%	58.3%	25.0%	12
MR	24.7%	17.3%	58.0%	81
OHI	29.2%	54.7%	16.0%	243
SLD	27.8%	58.8%	13.3%	697
SLI	14.3%	85.7%	0.0%	14

Data represent the percentage of the total for each exit reason by disability area

2017-2018	Dropout	HS Diploma	Received Certificate	Number of Students
AUT	5.9%	12.7%	15.7%	149
EMN	15.7%	5.7%	3.1%	106
HI	0.5%	1.0%	1.3%	12
MR	5.4%	1.9%	20.5%	81
OHI	19.2%	18.5%	17.0%	243
SLD	52.4%	57.0%	40.6%	697
SLI	0.5%	1.7%	0.0%	14



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Data represent the percentage of each disability area that exited with one of the three reasons: dropout, high school diploma, certificate

2018-2019	Dropout	HS Diploma	Received Certificate	Number of Students
AUT	11.2%	69.2%	19.5%	169
EMN	60.7%	34.5%	4.8%	84
HI	0.0%	94.4%	5.6%	18
MR	22.6%	36.9%	40.5%	84
OHI	24.6%	69.4%	6.0%	268
OI	27.3%	54.5%	18.2%	11
SLD	22.8%	68.9%	8.2%	776
SLI	31.3%	56.3%	12.5%	16

Data represent the percentage of the total for each exit reason by disability area

2018-2019	Dropout	HS Diploma	Received Certificate	Number of Students
AUT	5.6%	12.6%	21.2%	169
EMN	15.0%	3.1%	2.6%	84
HI	0.0%	1.8%	0.6%	18
MR	5.6%	3.3%	21.8%	84
OHI	19.5%	20.0%	10.3%	268
OI	0.9%	0.6%	1.3%	11
SLD	52.2%	57.5%	41.0%	776
SLI	1.5%	1.0%	1.3%	16



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Data represent the percentage of each exit reason by gender

2016-2017	Dropout	HS Diploma	Received Certificate	Number of Students
Female	19.6%	66.1%	14.3%	490
Male	27.6%	59.5%	12.9%	852

Data represent percentage of gender for each exit reason

2016-2017	Dropout	HS Diploma	Received Certificate	Number of Students
Female	29.0%	39.0%	38.9%	490
Male	71.0%	61.0%	61.1%	852

Data represent the percentage of each exit reason by gender

2017-2018	Dropout	HS Diploma	Received Certificate	Number of Students
Female	25.9%	54.4%	19.7%	436
Male	29.1%	54.6%	16.2%	882

Data represent percentage of gender for each exit reason

2017-2018	Dropout	HS Diploma	Received Certificate	Number of Students
Female	30.5%	33.0%	37.6%	436
Male	69.5%	67.0%	62.4%	882



Data represent the percentage of each exit reason by gender

2018-2019	Dropout	HS Diploma	Received Certificate	Number of Students
Female	19.1%	69.8%	11.1%	513
Male	26.4%	62.7%	10.9%	912

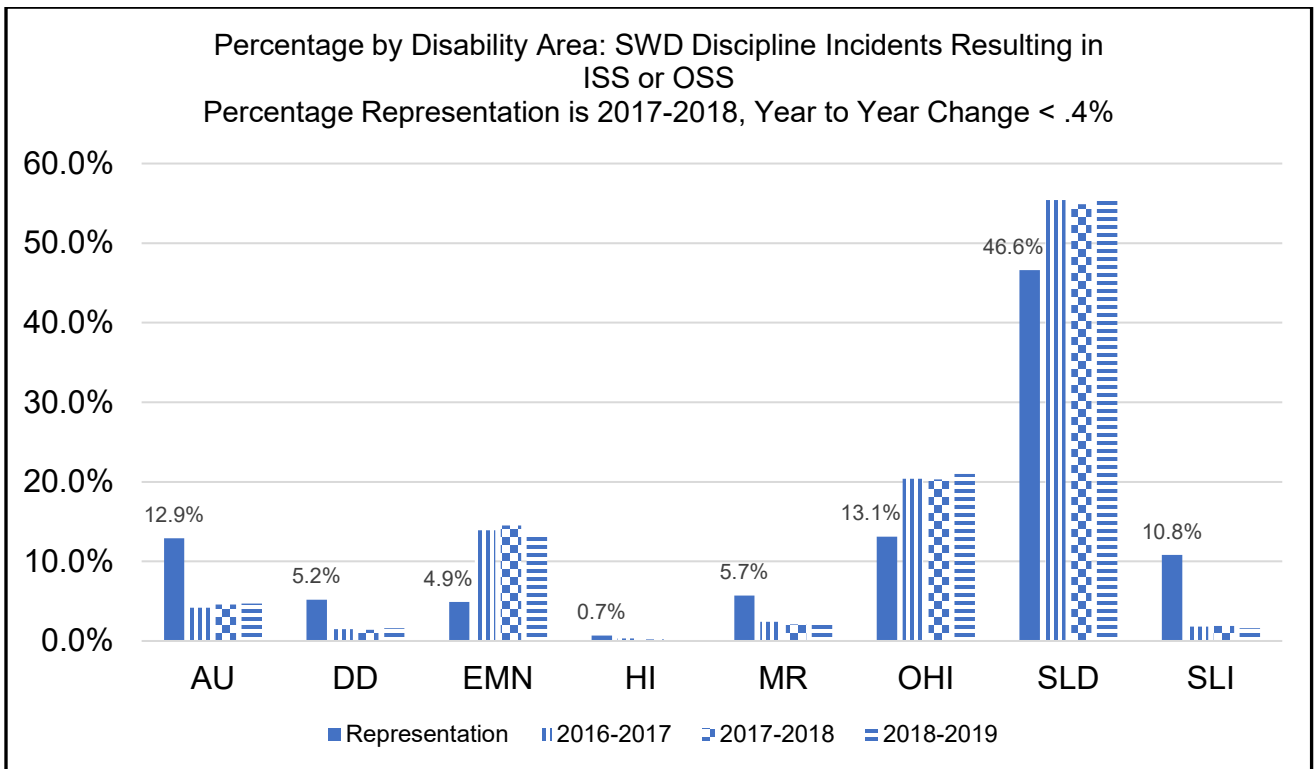
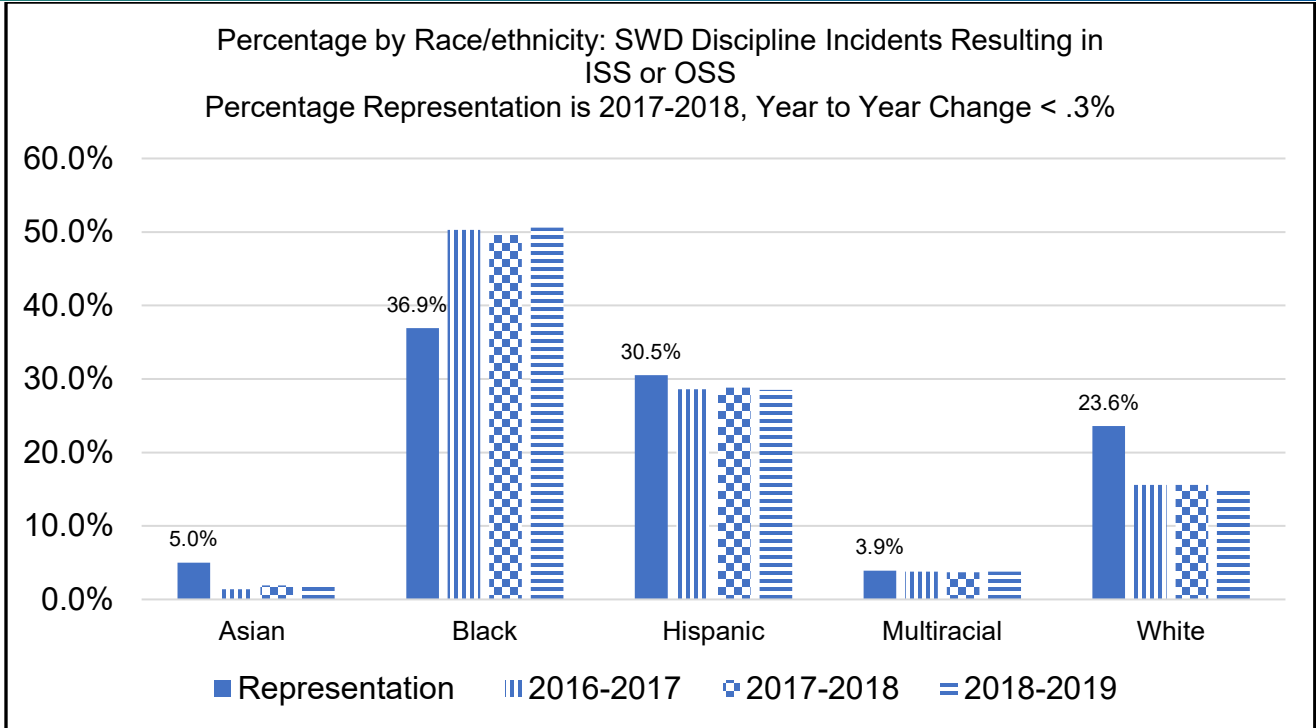
Data represent percentage of gender for each exit reason

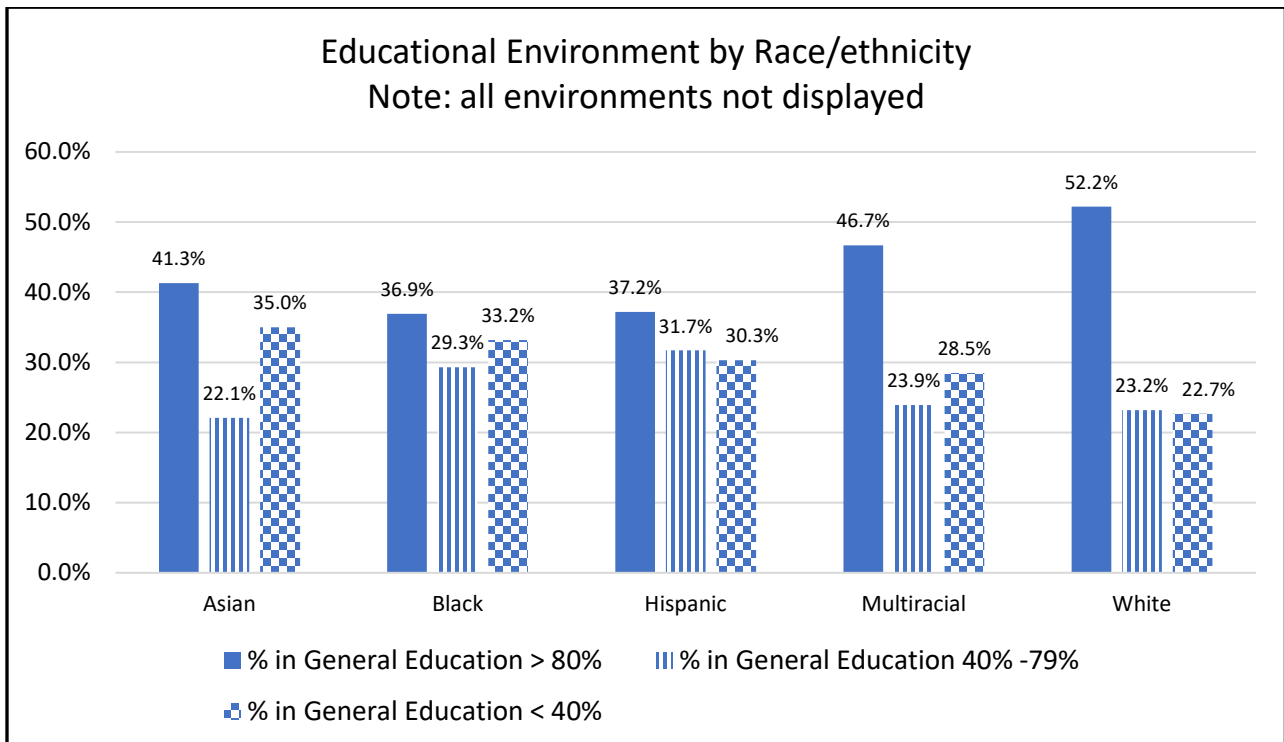
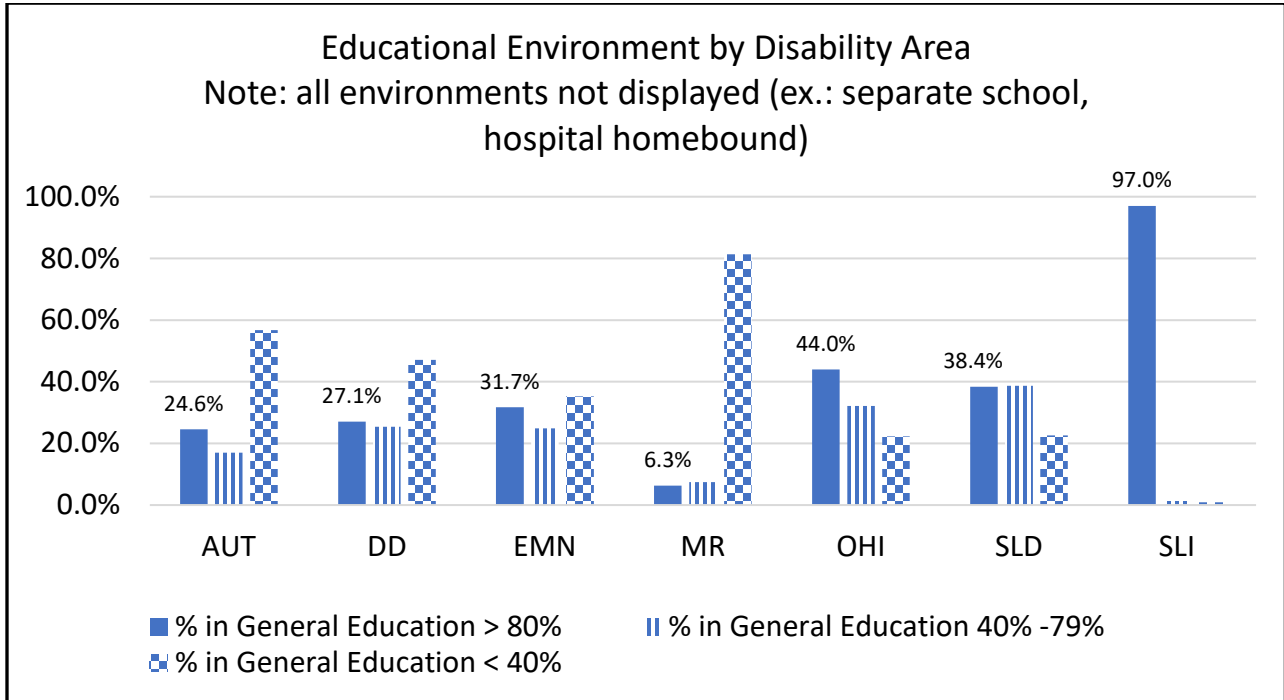
2018-2019	Dropout	HS Diploma	Received Certificate	Number of Students
Female	28.9%	38.5%	36.5%	513
Male	71.1%	61.5%	63.5%	912

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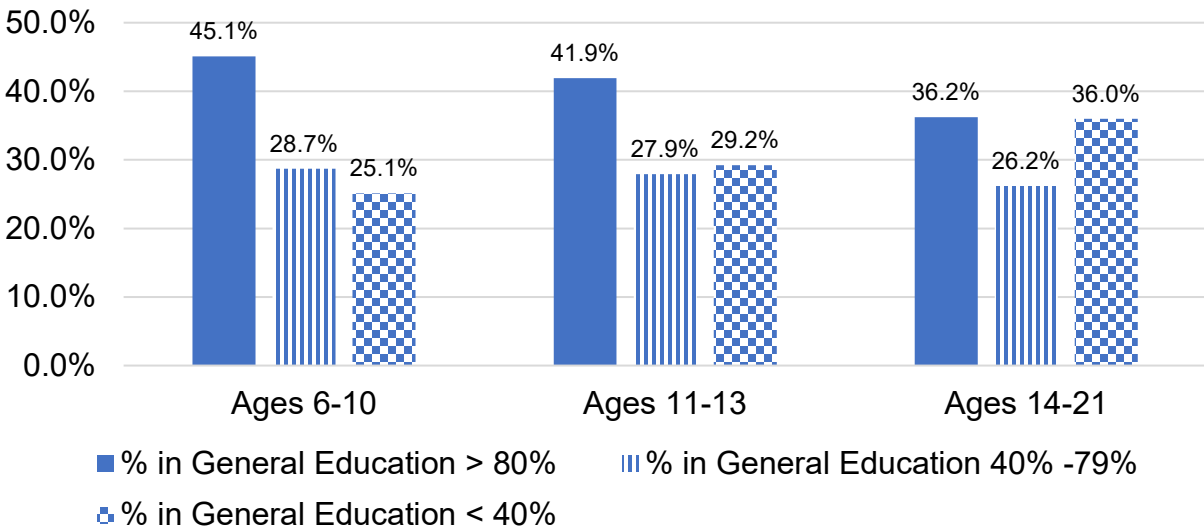
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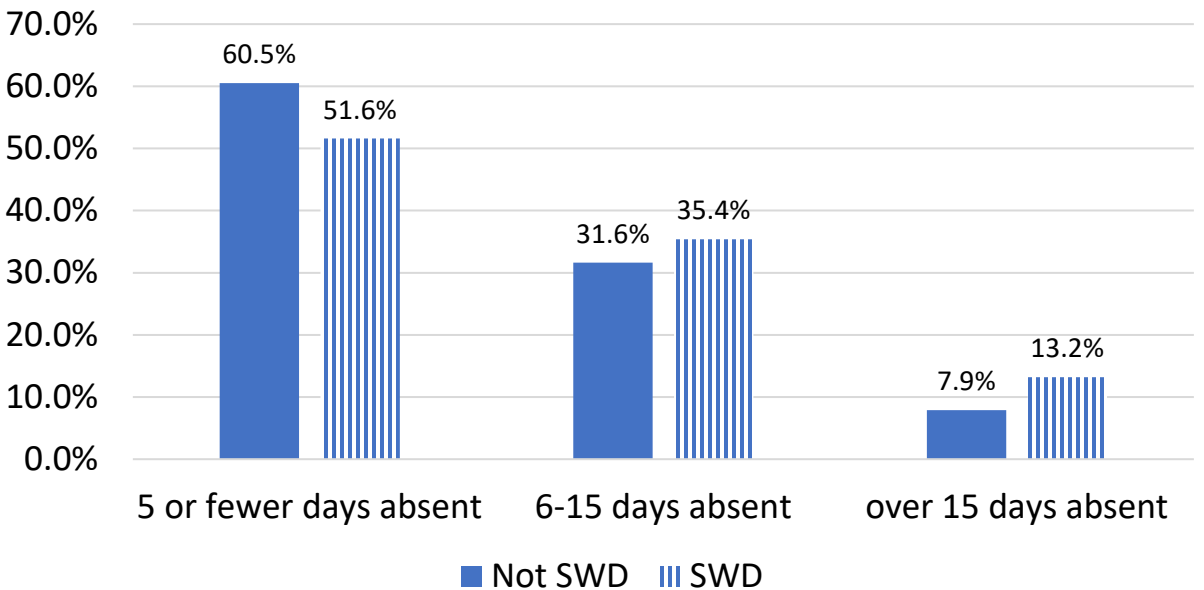
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Educational Environment by Age Group

Note: not all environments displayed



Attendance: SWD and Not SWD





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State Assessment, Percent Proficient SWD and All Students; 3-year Trend

