

MIS Data Mart: **DSP&S** Services and Outcomes Reports

In addition to the DSP&S (Disabled Student Program & Services) basic report, which mainly provides headcounts by disability category, the MIS data mart gives access to reports for DSP&S students¹ regarding enrollment by credit course status or learning outcomes (basic skills progress, retention & success, transfer, degree/certificates, and scorecard metrics). This document describes each of these reports to help users navigate the data mart and find those report(s) that best address their questions or inquiries related to this student population. Two sections are included here to describe reports available under the tabs: (1) *Student Services* and (2) *Outcomes*.

Section A. Student Services

Under the *Student Services* tab, the MIS data mart provides access to two queries or reports based on data submitted by the District to the California Community Colleges Chancellor's Office: (1) *Disabled Students Programs & Services (DSP&S)* and (2) *Special Population/Group Count*. A snapshot of where to find these reports is shown in Figure A.1 (*Reports for Student with Disabilities under Student Services*). The first report provides annual or term headcount figures that can be aggregated/disaggregated by demographics (gender, ethnicity, age group) or disability type, as shown in Figure A.2 (*DSP&S Report*). The second report provides headcount, enrollment, and FTES figures for credits and non-credit courses for disabled students.² Notice in Figure A.3 (*Student Special Population/Group Report*) that the parameters section is slightly different to the first report (i.e., annual headcount option is not available) and that only students who met the criteria for the reports are included, as explained in the *Notes & Links* section of the report [3].

¹ Students reported in the MIS SD quarterly report.

² DSP&S students are considered one of the special populations/groups.

Figure A.1 Reports for Student with Disabilities under Student Services

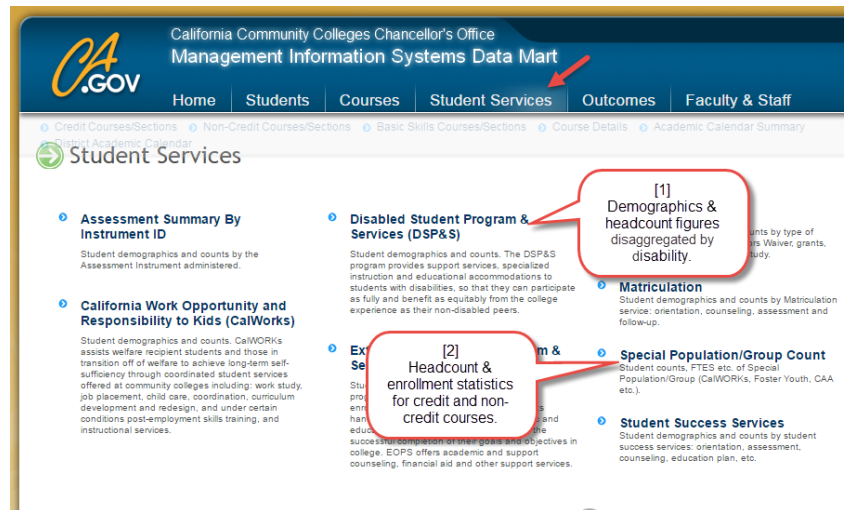


Figure A.2 DSP&S Report

California Community Colleges Chancellor's Office
Management Information Systems Data Mart

Home Students Courses Student Services Outcomes Faculty & Staff

You are here : Data Mart > Student Services > DSPS Status

DSPS (Disabled Students Programs & Services) Status Report - Parameter Selection Area

Select State-District-College: Collegewide Search
Select District-College: Deanza
Select Term-Annual Option: Term Search
Select Term: Fall 2015

View Report

Export To -> Excel CSV Text Records Per Page: 10 Simple Layout Advanced Layout

DSPS (Disabled Students Programs & Services) Status Report - Data & Format Area

Report Area

DSPS (Disabled Students Programs & Services) Status		
	Fall 2015	
	Student Count	Student Count (%)
<input type="checkbox"/> Deanza Total	1,084	100.00 %
Acquired Brain Injury	76	7.01 %
Developmentally Delayed Learner	210	19.37 %
Hearing Impaired	26	2.40 %
Learning Disabled	50	4.61 %
Mobility Impaired	199	18.36 %
Other Disability	397	36.62 %
Psychological Disability	184	9.59 %
Speech/Language Impaired		0.18 %
Visually Impaired		1.85 %

Report Format Selection Area - Check field to include in the report

☐ District Name ☒ College Name ☒ DSPS Status ☐ Gender ☐ Age Group ☐ Ethnicity

Update Report

Figure A.3 Student Special Population/Group Report

Special Population/Group Student Count - Parameter Selection Area

Select State-District-College
 Collegewide Search

Select District-College
 Deanza

Select Term
 Fall 2015

[1]

View Report

Export To ->

☒ Excel
 ☐ CSV
 ☐ Text

Records Per Page: 20

☒ Simple Layout
 ☐ Advanced Layout

Special Population/Group Student Count - Data & Format Area

Report Area

Special Population/Group Student Count

	Fall 2015				
	Unduplicated Head Count	Credit Enrollment Count	Credit FTES	Non-Credit Enrollment Count	Non-Credit FTES
<input checked="" type="checkbox"/> Deanza					
CalWORKs - California Work Opportunity & Responsibility to Kids	68	194	18.78	0	0.00
CARE - Cooperative Agencies Resources for Education	10	31	3.18	0	0.00
DSPS - Disabled Students Programs & Services	1,047	2,114	298.83	0	0.00
ECPS - Extended Opportunity Programs & Services	700	2,392	234.23	0	0.00
First Generation	2,407	6,723	681.32	0	0.00
Foster Youth	198	547	52.53	0	0.00
MCHS - Middle College High School Program	97	275	27.64	0	0.00
Military (Active Duty, Active Reserve, National Guard)	48	127	13.10	0	0.00
Puente	123	383	37.30	0	0.00
Special Admit	301	512	52.26	0	0.00
Umoja	32	99	9.04	0	0.00
Veteran	433	1,164	122.24	0	0.00

Report Format Selection Area - Check field to include in the report

☐ District Name
 ☒ College Name

Update Report

Notes & Links

* Student headcount status STD7 of A,B,C, D, E, F, and G is used for student headcount.

* The FTES value is calculated by summing the "Total Hours" (refer to SXD4 in CCCC MIS Data Element Dictionary) in all the enrollment records reported to CCCC MIS during the requested time period, then dividing by 525.

* If "Total Hours" cannot be derived because data is missing or set to "Unknown/Unreported", the enrollments are not included.

* All activity in classes eligible for state apportionment funding is included. This methodology is not same as the methodology used in calculating FTES for CCF5-320 report.

Section B. Student Outcomes

Under the *Outcomes* tab of the MIS data mart, users can have access to data to evaluate how DSP&S students compare to the rest of the college student population, or other groups, regarding academic progress in basic skills courses, retention and success rate, transfers to institutions offering bachelor's degree, and earning a certificate or degree (see Figure B.1). Users can also compare figures by college, district, or state-wide.

Basic Skills Cohort Progress Tracker

The *Basic Skills Cohort Progress Tracker* [1] allows users to track student progress from basic skills to transfer level courses in the following areas: English reading, English writing, ESL (English as a Second Language), or Mathematics. The report uses the cohort method, in which the performance of a selected group of students is analysed for a given period of time. An example will be discussed to provide a general understating of the figures shown in this report.

Figure B.1 DSP&S Reports under Outcomes

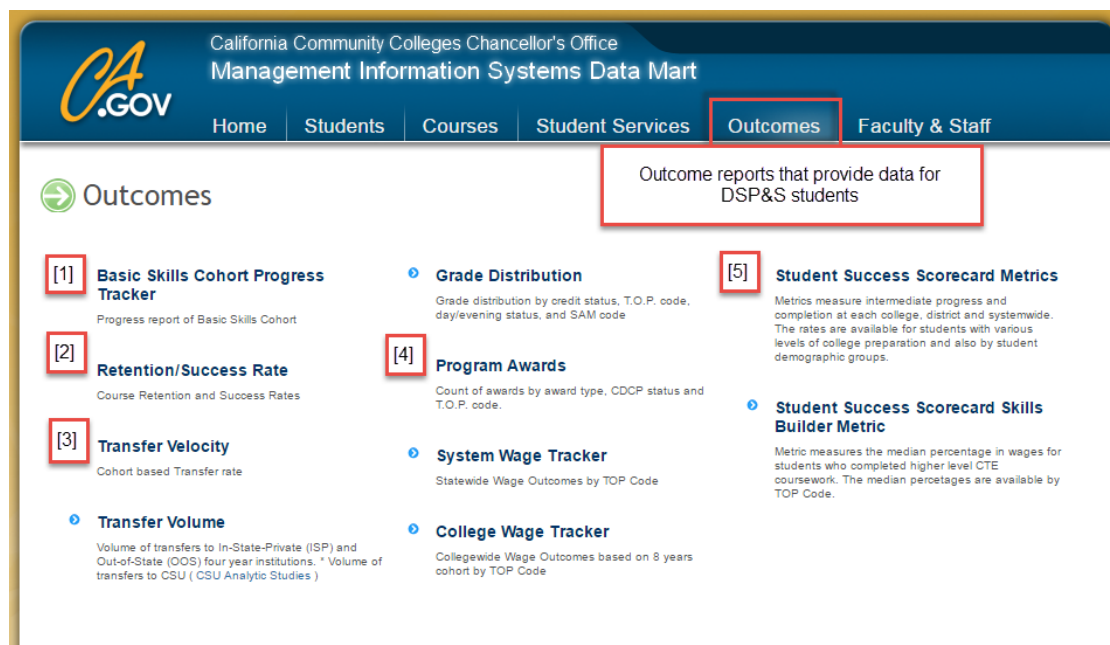


Figure B.2 shows the results for a query that tracked the academic performance of students who took their first mathematics course at Foothill College during fall 2013 and the course was classified as “2-levels below transfer” [1]³. The highlighted cell (in yellow) shows that 294 students were in this group or cohort, and based on figures for disability categories, 29 (10%) of these were DSP&S students. The option to include student with DSP&S students is under “Report Format Selection Area” [3]. Users must click on the “Update Report” button [4] to see results disaggregated by group(s). Based on results shown in Figure B.2, 10 (34%) of the 29 DSP&S students in the cohort attempted at least one transfer level mathematics course by fall 2015, with a success rate of 33%. Regarding other students (“None” under disability), 98 (38%) of the 265 students attempted at least one transfer level mathematics course by fall 2015, with a success rate of 38%. The report also provides access to a document with detailed instructions on how to use this query [5].

³ For more information on course characteristics used for the basic skills tracking report, see http://extranet.cccco.edu/Portals/1/TRIS/MIS/Left_Nav/DED/Data_Elements/CB/cb21.pdf; http://extranet.cccco.edu/Portals/1/TRIS/MIS/Left_Nav/DED/Data_Elements/CB/cb05.pdf

Figure B.2 Basic Skills Progress Tracker, DSP&S Statistics

Basic Skills Progress Tracker - Parameter Selection Area

Select College

Foothill

Select Cohort Term

Fall 2013

Select End Term

Fall 2015

Select Basic Skills Subject

Mathematics

Select Starting Cohort Level

Two Levels Below Transfer

Customize cohort (Optional)

View Report

[1]
Select parameters

Export To ->

☒ Excel
 ☐ CSV
 ☐ Text

Records Per Page: 40

☒ Simple Layout
 ☐ Advanced Layout

Report Data & Format Area

Report Area

	Fall 2013-Fall 2015								
	Two Levels Below Transfer			One Level Below Transfer			Transferable		
	Students	Att		Students	Attempts	Success	Students	Attempts	Success
Foothill Total									
Mathematics Total	294			151	230	112	108	219	82
Developmentally Delayed Learner	1	4	0						
Learning Disabled	7	8	4	4	7	2	2	2	1
None	265	348	172	137	201	104	98	198	75
Other Disability	14	21	12	7	15	3	6	13	4
Psychological Disability	6	11	3	2	5	2	2	6	2
Visually Impaired	1	1	1	1	2	1			

[2] Cohort headcount

Report Format Selection Area - Check field to include in the report

Demographics & Special Population Options

☐ Gender
 ☐ Age Group
 ☐ Ethnicity
 ☒ California Work Opportunity & Responsibility to Kids (CalWORKs)
 ☐ Disabled Students Programs & Services (DSPS)
 ☐ Extended Opportunity Programs & Services (EOPS)

Financial Aid Options

☐ Board of Governors Enrollment Fee Waiver
 ☐ Grants
 ☐ Loans
 ☐ Scholarship
 ☐ Work Study

[3] Select group

[4] Update, apply new options

Update Report

Notes & Link

The Basic Skills Progress Cohort Tracking Tool gives all California community colleges data on student progress through their English, reading, ESL, and math pipelines.

For How To Use Basic Skills Progress Tracker, please [click here](#).

[5] Description and instructions on how to use the report.

Retention/Success Rate

The *Retention/Success Rate* report provides course enrollment statistics by major or program of studies (based on course TOP code⁴) and distance education status. To access the report for DSP&S students, click on the area “Retention/Success for Special Population/Group” shown in Figure B.3. Users must keep in mind that the unit of analysis for this report is not the student, but the course enrolment; meaning, figures will include one record for every course in which the student enrolled. Data in the report can be further disaggregated by demographics (gender, age, and ethnicity) or course variables (basic skills, degree applicable, transferable, vocational/career technical education status) by modifying the report. A sample report will be discussed to help users become familiar with this report.

Figure B.3 Access to Retention/Success Rate Report for Special Population/Group

California Community Colleges Chancellor's Office
Management Information Systems Data Mart

Home Students Courses Student Services **Outcomes** Faculty & Staff

Basic Statistics Program Status Reports Retention/Success Rate Transfer Velocity Transfer Volume Program Awards System Waiver College Wage Tracker Grade Distribution Student Success Scorecard Metrics Student Success Scorecard Skills Builder Metrics

Credit Course Retention/Success Rate Summary Report - Parameter Selection Area

Select State-District-College: Statewide Search
Select District-College:
Select Term:
Select Program Type:
Select Instruction Method:
Select DE Inst. Method:
View Report

Retention/Success for Special Population/Group, please [click here](#).

Export To -> ☒ Excel ☐ CSV ☐ Text Records Per Page: 10 ☐ Simple Layout ☐ Advanced Layout

⁴ More on TOP codes available at:
http://extranet.cccco.edu/Portals/1/AA/Credit/2013Files/TOPmanual6_2009_09corrected_12.5.13.pdf

As shown in Figure B.4, the parameters for the sample report included DSP&S students enrolled at Foothill College during fall 2015, independently of the course distance education status [1]. Users will have the option to aggregate/disaggregate the data by course characteristics checking on the boxes located in the “Report Format Selection Area” [2]. By default, the report will disaggregate the data by the characteristics under “Course Status.” The section “Notes & Links” briefly explains the data and procedures in the report, including references [3].

Figure B.4 Special Population Group Retention/Success Rate: Parameters and Options Available for DSP&S Students

California Community Colleges Chancellor's Office
Management Information Systems Data Mart

Home Students Courses Student Services Outcomes Faculty & Staff

You are here : Data Mart > Outcomes > Special Population Group Retention/Success Rate [1]

Special Population Group Credit Course Retention/Success Rate Summary Report - Parameter Selection Area

Select State-District-College: Collegewide Search
Select District-College: Foothill
Select Term: Fall 2015
Select Program Type: ALL

Select Instruction Method: All (Dist. Ed. & Non-Dist. Ec)
Select DE Inst. Method:

Select Program/Special Population: DSPS - Disabled Students P

View Report

(Select All)
☐ ASEM - Achievement in a Science, Engineering, or Mathematics
☐ CAA - Career Advancement Academy
☐ CalWORKs - California Work Opportunity & Responsibility to Kids
☐ CARE - Cooperative Agencies Resources for Education
☒ DSPS - Disabled Students Programs & Services

Export To -> ☒ Excel ☐ CSV ☐ Text

Special Population Group Credit Course Retention/Success Rate

Report Area	Enrollment Count	Retention Count
Grand Total		

[2]

Report Format Selection Area - Check field to include in the report

Demographic Options	TOP Options	Course Status
<input type="checkbox"/> District Name	<input type="checkbox"/> Program Type - Two Digits TOP	<input checked="" type="checkbox"/> Basic Skills
<input checked="" type="checkbox"/> College Name	<input type="checkbox"/> Program Type - Four Digits TOP	<input checked="" type="checkbox"/> Degree Applicable
	<input type="checkbox"/> Program Type - Six Digits TOP	<input checked="" type="checkbox"/> Transfer
		<input checked="" type="checkbox"/> Vocational

Update Report

[3]

Notes & Links

* Enrollment count is number of enrollments with grade of A,B,C,D,F,P,NP,I*,IPP,INP,FW,W,DR
 * Retention count is number of enrollments with grade of A,B,C,D,F,P,NP,I*,IPP,INP,FW
 * Success count is number of enrollments with grade of A,B,C,P,IA,IB,IC,IPP
 * For detailed definition of enrollment grade (SX04), please click here.

* Distance Education Definitions: Distance education (DE) means instruction in which the instructor and student are separated by distance and interact through the assistance of communication technology. Whether a course is to be considered as DE, the basic criterion established in the GUIDELINES (March 2004) under Section 55205 needs to be applied (i.e., a distance education course/session utilizes technology 51 percent or more of the time to deliver instruction during the course term.) In determining the type of distance education modality to assign to a course, the predominant mode of delivery,

Figure B.5 shows results of the query or report for retention and success rates for DSP&S students enrolled in fall 2015 at Foothill College, with the data disaggregated by “Degree Applicable” course and section distance education status. To have a better view of the data, the report was exported to Excel and modified, as show in Figure B.6.

Figure B.5 Special Population Group Retention/Success Rate: Sample Report, DSP&S Students

Special Population Group Credit Course Retention/Success Rate Summary Report - Parameter Selection Area

Select State-District-College: Collegewide Search
 Select District-College: Foothill
 Select Term: Fall 2015
 Select Program Type: ALL
 Select Instruction Method: All (Dist. Ed. & Non-Dist. Ec)
 Select DE Inst. Method:
 Select Program/Special Population: DSPS - Disabled Students P
 View Report

Export To: ☒ Excel ☐ CSV ☐ Text
 Records Per Page: 10
 Simple Layout ☒ Advanced Layout

Special Population Group Credit Course Retention/Success Rate Summary Report - Data & Format Area

Report Area

		Credit			Degree A		
		Success Count	Retention Rate	Success Rate	Enrollment Count	Retention Count	Success
[-] Foothill							
[-] DSPS - Disabled Students Programs & Services Total	1	730	93.01 %	79.78 %	720	662	
Delayed Interaction (Internet Based)	4	69	89.36 %	73.40 %	93	83	
Non Distance Education Methods	7	661	93.42 %	80.51 %	627	579	

Report Format Selection Area - Check field to include in the report

Demographic Options: ☐ District Name ☒ College Name
 TOP Options: ☐ Program Type - Two Digits TOP ☐ Program Type - Four Digits TOP ☐ Program Type - Six Digits TOP
 Course Status: ☐ Basic Skills ☒ Degree Applicable ☐ Transfer ☐ Vocational
 Update Report

**Figure B.6 Special Population Group Retention/Success Rate: Sample Report
Exported to Excel**

	A	B	C	D	E	F	G	H	I	J	K	L
1	California Community Colleges Chancellor's Office											
2	Special Population Group Credit Course Retention/Success Rate Summary Report											
3												
4		Fall 2015										
5		Credit					Degree Applicable					
6		Enrollm	Retenti	Success	Retenti	Success	Enrollm	Retenti	Success	Retenti	Success	
7		ent	on	Count	on	Rate	ent	on	Count	on	Rate	
8		Count	Count		Rate	Rate	Count	Count		Rate	Rate	
9	DSPS - Disabled											
10	Students											
11	Programs &											
12	Services Total	915	851	730	93.01 %	79.78 %	720	662	563	91.94 %	78.19 %	
13	Delayed											
14	Interaction											
15	(Internet Based)	94	84	69	89.36 %	73.40 %	93	83	68	89.25 %	73.12 %	
16	Non Distance											
17	Education											
18	Methods	821	767	661	93.42 %	80.51 %	627	579	495	92.34 %	78.95 %	
19												
20												
21												

Program Awards

Users can have access to the *Program Awards* report for DSP&S students by clicking on the link for “Special Population/Group,” as shown in Figure B.7 below.

Figure B.7 Access to Program Awards Rate Report for Special Population/Group

Figure B.8 shows parameters for a report to identify the number of awards approved by the CCCCO⁵ [1] that were earned by DSP&S students [2] at Foothill College [3] during the 2014-15 academic year [4]. For this example, all programs or majors were included [5].

Figure B.8 Access to Program Awards Rate Report for Special Population/Group; Parameters for Sample Report

⁵ California Community College Chancellor's Office

Figure B.9 shows the number of awards earned by DSP&S students, as requested by the parameters previously shown in Figure B.8. In Figure B.9, the award count (not student headcount) from 2014-15 is shown by award type [2]. The report can be modified by disaggregating the data by program level (TOP code) or CDCP Status (Career Development and Career Preparation) [3], and then clicking on “Update Report” [4]. Data field definitions and procedures are briefly explained in “Notes & Links” [5].

Figure B.9 Special Population/Group Program Awards: Sample Report, DSP&S Students

Report Area

Program Awards Summary

	Annual 2014-2015 Award Count
<input type="checkbox"/> Foothill	
<input type="checkbox"/> DSPS - Disabled Students Programs & Services Total	61
Associate in Science for Transfer (A.S.-T) Degree	1
Associate in Arts for Transfer (A.A.-T) Degree	7
Associate of Arts (A.A.) degree	33
Certificate requiring 30 to < 60 semester units	13
Certificate requiring 12 to < 18 units	2
Noncredit award requiring from 48 to < 96 hours	5

Report Format Selection Area - Check field to include in the report

Row Options	
<input type="checkbox"/> District Name	<input checked="" type="checkbox"/> Award Type
<input checked="" type="checkbox"/> College Name	<input type="checkbox"/> Program CDCP Status
	<input type="checkbox"/> Program Type - Two Digits TOP
	<input type="checkbox"/> Program Type - Four Digits TOP
	<input type="checkbox"/> Program Type - Six Digits TOP

[Update Report](#)

Notes & Links

* Chancellor's Office approved awards are Associate of Arts, Associates of Science, Certificate requiring 18 to fewer than 30 semester units, Certificate requiring 30 to fewer than 60 semester units and Certificate requiring 60 or more semester units.
 * For detailed definition of program award type (SP02), please click here.

Student Success Score Metrics

The last data mart report to be shown here is *Student Success Score Metrics*, which allows users to disaggregate data used for the Student Scored Card⁶ and obtain figures for DSP&S students. There are a few issues to take into account when working with this report, including: (1) users need to be aware that depending on the metric used (completion rate, persistence rate, remedial progress) the definition for the cohort changes; (2) cohort years available are usually no less than four years from when the data is published—figures may reflect practices no longer used at the college; and, (3) students included in the cohort are usually first-timers with a valid social security number. In this document, a sample report with DSP&S figures will be discussed; however, users are encouraged to study the documents explaining data specifications, which are referenced in this report.

Figure B.10 shows a sample report for the 2009-10 cohort⁷ at De Anza College, completion/SPAR⁸ [2], 2014-15 outcome academic year. The report was formatted to disaggregate the data by student DSP&S status [3]. A very important feature of the report are the links to references to inform users about the procedures used to define outcomes metrics and related cohorts [4].

⁶ System designed by the California Community College Chancellor's Office to disclose data on student progress in the areas of remedial instruction, job training programs, retention of students and graduation and completion rates. More information available at: <http://scorecard.cccco.edu/scorecard.aspx>.

⁷ First-time students with minimum of 6 units earned who attempted any Math or English in the first three years of entry.

⁸ Completion/Student Progress and Attainment Rate: Percentage of students in the cohort who achieved at least one of the following by the outcome year: (1) Earned AA/AS or credit Certificate, Chancellor's Office approved, (2) transfer to four-year institution (students shown to have enrolled at any four-year institution of higher education after enrolling at the college), or (3) achieved "Transfer Prepared" (student successfully completed 60 UC/CSU transferable units with a GPA \geq 2.0).

Figure B.10 Student Success Scorecard Metrics: Sample Report, DSP&S Students

Student Success Scorecard Metrics - Parameter Selection Area

Select State-District-College: Collegewide Search
 Select District-College: Deanza
 Select Cohort Year: 2009-2010
 Select Scorecard Metric: Completion/SPAR
 Select Level: Overall
 View Report

[1] Parameters for the report

Export To -> ☒ Excel ☐ CSV ☐ Text
 Records Per Page: 10
☒ Simple Layout ☐ Advanced Layout

Student Success Scorecard Metrics - Report Data & Format Area

Report Area

Student Success Scorecard Metrics	
Cohort Year 2009-2010 (Outcomes by 2014-2015)	
Deanza	
Completion/SPAR - Overall	65.6 %
Did not receive DSPS Services	66.2 %
Received DSPS Services	52.1 %

[2] Identifies cohort and outcome year

Report Format Selection Area - Check field to include in the report

<input type="checkbox"/> District Name	<input checked="" type="checkbox"/> Disabled Students Programs & Services (DSPS) Status
<input checked="" type="checkbox"/> College Name	<input type="checkbox"/> Economically Disadvantaged Status
<input type="checkbox"/> Gender	
<input type="checkbox"/> Age Group	
<input type="checkbox"/> Ethnicity	

[3] Option to disaggregate data by DSP&S status

Update Report

Notes & Links

Links:

- Scorecard Data Specifications
- Other Scorecard Documentation
- Scorecard Homepage

[4] Links to References