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Six tables in *Appendix A* provide the comparison of SJSU Plus grade distribution. Table 1 shows the overall total of SJSU Plus courses for the spring 2013 and summer 2013. The historical comparison of these courses presented separately by course in Tables 2 to 6. The methods used to compute course retention and grade distribution summary are described below:

**% Retention = (Number of Retained Students / Number of All Students)**

- *All Students (Total) = Students who received official grades of A to F and WU, incomplete (I), reported delay grade (RD), withdrawal (W), and dropped*
- *# Retained Students = Students who received official grades of A to F and WU, incomplete (I) and reported delay grade (RD)*

**For CS 46A**, the grading system is A, B, C and then No Credit. The C- or better was used as a cut-off.

- % C or Better = (Number of Students with C or Better / Number of Students with A to F and WU)
- % C- or Lower = (Number of Students with C- to F and WU / Number of Students with A to F and WU)

**For MATH 6L**, the grading system is CR (Credit)/ NR (No Credit). The CR was used as a cut-off.

- % CR = (Number of Students with CR / Number of Students with CR and NC)
- % NC = (Number of Students with NC / Number of Students with CR and NC)

**For MATH 8, PSYC 1, and STAT 95**, they could be used to fulfill general education requirements (B4 for MATH 8 and STAT 95; D1 for PSYC 1). The C or better was used as a cut-off.

- % C or Better = (Number of Students with C or Better / Number of Students with A to F and WU)
- % C- or Lower = (Number of Students with C- to F and WU / Number of Students with A to F and WU)

**Dropped** = Number of students who were administratively dropped and did not received assigned grades. According to Dennis Jaehne, AVP UGS, the general process for dropping students was described as the following:

- The instructors requested to drop students later in the course than they normally would have, based on no participation or stopped participation.
- In some cases where students had started to participate in the beginning then just stopped, instructors sent students an "opt out" message: "if you don't tell me within by this date that you want to remain on the roster, you will be dropped..."
- After obtaining our permission, instructors sent list of names on their roster to IES and they executed the drop.

*Appendices B and C* provide the summary and detailed information about grade distribution and historical comparison of these SJSU Plus courses. For more detailed information about SJSU grade symbols and values, visit

[www.sjsu.edu/registrar/students/grades-grades\\_changes/grade\\_symbols\\_and\\_values/index.html](http://www.sjsu.edu/registrar/students/grades-grades_changes/grade_symbols_and_values/index.html)

## Appendix A: Summary of SJSU Plus Grade Distribution and Historical Comparison

**Table 1: Total of All SJSU Plus Courses**

	Spring 13 SJSU Plus			Summer 13 SJSU Plus		
	Matric	Non-Matric	Total	Matric	Non-Matric	Total
<b>% Retention</b>	<b>95.2%</b>	<b>75.9%</b>	<b>83.2%</b>	<b>64.5%</b>	<b>59.4%</b>	<b>60.3%</b>
<b>%(C or Better) and (CR = Credit)</b>	<b>41.8%</b>	<b>27.1%</b>	<b>33.5%</b>	<b>65.1%</b>	<b>71.2%</b>	<b>70.1%</b>
<b>%(Below C) and (NR = No Credit)</b>	<b>58.2%</b>	<b>72.9%</b>	<b>66.5%</b>	<b>34.9%</b>	<b>28.8%</b>	<b>29.9%</b>

**Table 2: CS 46A: Intro to Programming**

								Summer 13 SJSU Plus		
	Spring 10	Fall 10	Spring 11	Fall 11	Spring 12	Fall 12	Spring 13	Matric	Non-Matric	Total
<b>% Retention</b>	<b>94.3%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>98.2%</b>	<b>95.9%</b>	<b>97.3%</b>	<b>99.2%</b>	<b>56.4%</b>	<b>51.4%</b>	<b>51.8%</b>
<b>% C- or Better</b>	<b>66.7%</b>	<b>61.5%</b>	<b>83.1%</b>	<b>82.0%</b>	<b>68.6%</b>	<b>69.2%</b>	<b>78.2%</b>	<b>61.4%</b>	<b>71.4%</b>	<b>70.4%</b>
<b>% NC or Below C-</b>	<b>33.3%</b>	<b>38.5%</b>	<b>16.9%</b>	<b>18.0%</b>	<b>31.4%</b>	<b>30.8%</b>	<b>21.8%</b>	<b>38.6%</b>	<b>28.6%</b>	<b>29.6%</b>

**Table 3: MATH 6L: Entry Level Math**

	Face to Face (F2F) for 2nd Time Takers Only						Spring 13 SJSU Plus			Summer 13 SJSU Plus		
	Spring 04	Spring 05	Spring 06	Spring 07	Spring 08	Spring 09	Matric	Non-Matric	Total	Matric	Non-Matric	Total
<b>% Retention</b>	<b>97.4%</b>	<b>100.0%</b>	<b>98.5%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>95.9%</b>	<b>74.0%</b>	<b>84.8%</b>	<b>67.7%</b>	<b>78.8%</b>	<b>75.7%</b>
<b>% Credit</b>	<b>40.5%</b>	<b>54.3%</b>	<b>50.0%</b>	<b>44.8%</b>	<b>34.4%</b>	<b>48.9%</b>	<b>29.8%</b>	<b>16.2%</b>	<b>23.8%</b>	<b>23.8%</b>	<b>31.7%</b>	<b>29.8%</b>
<b>% No Credit</b>	<b>59.5%</b>	<b>45.7%</b>	<b>50.0%</b>	<b>55.2%</b>	<b>65.6%</b>	<b>51.1%</b>	<b>70.2%</b>	<b>83.8%</b>	<b>76.2%</b>	<b>76.2%</b>	<b>68.3%</b>	<b>70.2%</b>

**Table 4: MATH 8: College Algebra**

	Face to Face (F2F)						Spring 13			Summer 13			
	Spring 10	Fall 10	Spring 11	Fall 11	Spring 12	Fall 12	F2F	SJSU Plus			SJSU Plus		
								Matric	Non-Matric	Total	Matric	Non-Matric	Total
<b>% Retention</b>	<b>97.2%</b>	<b>100.0%</b>	<b>97.9%</b>	<b>98.7%</b>	<b>99.0%</b>	<b>98.5%</b>	<b>99.7%</b>	<b>88.9%</b>	<b>70.1%</b>	<b>74.1%</b>	<b>51.0%</b>	<b>42.9%</b>	<b>44.8%</b>
<b>% C or Better</b>	<b>58.1%</b>	<b>52.0%</b>	<b>63.8%</b>	<b>73.9%</b>	<b>67.6%</b>	<b>73.1%</b>	<b>76.2%</b>	<b>50.0%</b>	<b>17.0%</b>	<b>25.4%</b>	<b>65.4%</b>	<b>75.4%</b>	<b>72.6%</b>
<b>% C- or Lower</b>	<b>41.9%</b>	<b>48.0%</b>	<b>36.2%</b>	<b>26.1%</b>	<b>32.4%</b>	<b>26.9%</b>	<b>23.8%</b>	<b>50.0%</b>	<b>83.0%</b>	<b>74.6%</b>	<b>34.6%</b>	<b>24.6%</b>	<b>27.4%</b>

**Table 5: PSYC 1: General Psychology**

	Spring 10	Fall 10	Spring 11	Fall 11	Spring 12	Fall 12	Spring 13	Summer 13 SJSU Plus		
								Matric	Non-Matric	Total
<b>% Retention</b>	99.5%	99.6%	99.3%	99.6%	100.0%	99.6%	99.4%	82.1%	75.7%	77.3%
<b>% C or Better</b>	87.7%	85.2%	82.8%	77.6%	81.9%	82.7%	84.4%	71.3%	65.8%	67.3%
<b>% C- or Lower</b>	12.3%	14.8%	17.2%	22.4%	18.1%	17.3%	15.6%	28.7%	34.2%	32.7%

**Table 6: STAT 95: Elementary Statistics**

	Spring 10	Fall 10	Spring 11	Fall 11	Spring 12	Fall 12	Spring 13			Summer 13			
							F2F	SJSU Plus		SJSU Plus			
								Matric	Non-Matric	Total	Matric	Non-Matric	Total
<b>% Retention</b>	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	99.3%	97.3%	84.9%	90.0%	57.3%	65.6%	64.1%
<b>% C or Better</b>	72.8%	70.8%	78.3%	77.6%	78.0%	80.4%	74.6%	54.3%	46.7%	50.0%	74.5%	84.7%	83.0%
<b>% C- or Lower</b>	27.2%	29.2%	21.7%	22.4%	22.0%	19.6%	25.4%	45.7%	53.3%	50.0%	25.5%	15.3%	17.0%

**Appendix B: Detailed Information for the SJSU Plus Grade Distribution and Historical Comparison**

**Total of All SJSU Plus Courses**

	Spring 13 SJSU Plus			Summer 13 SJSU Plus		
	Matric	Non-Matric	Total	Matric	Non-Matric	Total
<b>% Retention</b>	<b>95.2%</b>	<b>75.9%</b>	<b>83.2%</b>	<b>64.5%</b>	<b>59.4%</b>	<b>60.3%</b>
<b>% (C or Better) and (CR = Credit)</b>	<b>41.8%</b>	<b>27.1%</b>	<b>33.5%</b>	<b>65.1%</b>	<b>71.2%</b>	<b>70.1%</b>
<b>% (Below C) and (NR = No Credit)</b>	<b>58.2%</b>	<b>72.9%</b>	<b>66.5%</b>	<b>34.9%</b>	<b>28.8%</b>	<b>29.9%</b>
Total Enrollment (Seats)	104	170	274	355	1,736	2,091
# Retained	99	129	228	229	1,032	1,261
(C or Better) and (CR = Credit)	41	35	76	149	731	880
(Below C) and (NR = No Credit)	57	94	151	80	295	375
I = Incomplete	1	0	1	0	6	6
RD = Report Delayed	0	0	0	0	0	0
W	5	41	46	32	525	557
Dropped	0	0	0	94	179	273

**CS 46A: Intro to Programming**

	Spring 10	Fall 10	Spring 11	Fall 11	Spring 12	Fall 12	Spring 13
<b>% Retention</b>	<b>94.3%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>98.2%</b>	<b>95.9%</b>	<b>97.3%</b>	<b>99.2%</b>
<b>% C- or Better</b>	<b>66.7%</b>	<b>61.5%</b>	<b>83.1%</b>	<b>82.0%</b>	<b>68.6%</b>	<b>69.2%</b>	<b>78.2%</b>
<b>% NC or Below C-</b>	<b>33.3%</b>	<b>38.5%</b>	<b>16.9%</b>	<b>18.0%</b>	<b>31.4%</b>	<b>30.8%</b>	<b>21.8%</b>

Summer 13		
SJSU Plus		
Matric	Non-Matric	Total
<b>56.4%</b>	<b>51.4%</b>	<b>51.8%</b>
<b>61.4%</b>	<b>71.4%</b>	<b>70.4%</b>
<b>38.6%</b>	<b>28.6%</b>	<b>29.6%</b>

Total Enrollment		70	93	83	113	123	147	125
# Retained		66	93	83	111	118	143	124
C- or Better	A+	2	1	0	4	5	2	2
	A	6	19	23	16	12	16	21
	A-	10	3	4	13	7	13	10
	B+	3	3	4	14	15	13	5
	B	4	10	15	15	11	14	9
	B-	5	4	4	5	11	14	9
	C+	4	2	7	6	6	15	18
	C	2	4	8	11	14	12	23
	C-	8	2	4	7	0	0	0
	Total	44	48	69	91	81	99	97
NC or Below C-	D+	1	1	1	4	0	0	0
	D	5	8	0	3	0	0	0
	D-	2	0	2	0	0	0	0
	F	6	15	8	10	0	0	0
	WU	8	6	2	2	0	0	0
	NC	0	0	1	1	37	44	27
	Total	22	30	14	20	37	44	27
I, W, and RD	I (Incomplete)	0	1	0	0	0	0	0
	RD (Report Delayed)	0	14	0	0	0	0	0
	W	4	0	0	2	5	4	1
Dropped		0	0	0	0	0	0	0

78	788	866
44	405	449
0	0	0
14	200	214
1	19	20
1	5	6
3	26	29
1	5	6
0	4	4
7	30	37
27	289	316
17	116	133
17	116	133
0	0	0
0	0	0
6	296	302
28	87	115

**Math 6L: Entry Level Math**

	Face to Face (F2F) for 2nd Time Takers Only						Spring 13			Summer 13		
	Spring 04	Spring 05	Spring 06	Spring 07	Spring 08	Spring 09	SJSU Plus			SJSU Plus		
							Matric	Non-Matric	Total	Matric	Non-Matric	Total
<b>% Retention</b>	97.4%	100.0%	98.5%	100.0%	100.0%	100.0%	95.9%	74.0%	84.8%	67.7%	78.8%	75.7%
<b>% Credit</b>	40.5%	54.3%	50.0%	44.8%	34.4%	48.9%	29.8%	16.2%	23.8%	23.8%	31.7%	29.8%
<b>% No Credit</b>	59.5%	45.7%	50.0%	55.2%	65.6%	51.1%	70.2%	83.8%	76.2%	76.2%	68.3%	70.2%

Total Enrollment	38	70	65	67	64	47	49	50	99	31	80	111
# Retained	37	70	64	67	64	47	47	37	84	21	63	84
CR (Credit)	15	38	32	30	22	23	14	6	20	5	20	25
NC (No Credit)	22	32	32	37	42	24	33	31	64	16	43	59
W (Withdrawal)	1	0	1	0	0	0	2	13	15	0	10	10
Dropped	0	0	0	0	0	0	0	0	0	10	7	17



**PSYC 1: General Psychology**

Summer 13		
SJSU Plus		
Matric	Non-Matric	Total
82.1%	75.7%	77.3%
71.3%	65.8%	67.3%
28.7%	34.2%	32.7%

	Spring 10	Fall 10	Spring 11	Fall 11	Spring 12	Fall 12	Spring 13
<b>% Retention</b>	99.5%	99.6%	99.3%	99.6%	100.0%	99.6%	99.4%
<b>% C or Better</b>	87.7%	85.2%	82.8%	77.6%	81.9%	82.7%	84.4%
<b>% C- or Lower</b>	12.3%	14.8%	17.2%	22.4%	18.1%	17.3%	15.6%

Total Enrollment		412	479	604	932	772	1,043	653
# Retained		410	477	600	928	772	1,039	649
C or Better	A+	17	23	24	17	60	51	26
	A	68	48	53	84	106	108	98
	A-	53	64	68	96	85	105	72
	B+	63	71	70	94	69	105	74
	B	70	63	126	133	132	217	93
	B-	23	47	48	85	55	78	60
	C+	31	30	32	84	32	72	48
	C	18	45	65	119	71	117	65
	Total	343	391	486	712	610	853	536
C-or Below	C-	6	14	20	50	22	34	16
	D+	4	14	12	20	9	27	7
	D	11	10	14	46	37	32	25
	D-	1	5	14	8	11	13	6
	F	23	25	37	71	45	62	45
	WU	3	0	4	10	11	10	0
	Total	48	68	101	205	135	178	99
I, W, and RD	I	17	18	13	11	9	8	14
	RD	2	0	0	0	18	0	0
	W	2	2	4	4	0	4	4
Dropped		0	0	0	0	0	0	0

106	309	415
87	234	321
1	2	3
3	37	40
6	14	20
3	13	16
19	34	53
14	22	36
4	3	7
12	29	41
62	154	216
5	6	11
6	1	7
4	11	15
1	4	5
9	58	67
0	0	0
25	80	105
0	0	0
0	0	0
2	44	46
17	31	48



**Stat 95: Elementary Statistics**

							Spring 13				Summer 13		
	Spring 10	Fall 10	Spring 11	Fall 11	Spring 12	Fall 12	F2F	SJSU Plus			SJSU Plus		
								Matric	Non-Matric	Total	Matric	Non-Matric	Total
<b>% Retention</b>	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	99.3%	97.3%	84.9%	90.0%	57.3%	65.6%	64.1%
<b>% C or Better</b>	72.8%	70.8%	78.3%	77.6%	78.0%	80.4%	74.6%	54.3%	46.7%	50.0%	74.5%	84.7%	83.0%
<b>% C- or Lower</b>	27.2%	29.2%	21.7%	22.4%	22.0%	19.6%	25.4%	45.7%	53.3%	50.0%	25.5%	15.3%	17.0%

Total Enrollment		517	429	570	663	605	686	590	37	53	90	89	398	487
# Retained		517	429	570	663	605	686	586	36	45	81	51	261	312
C or Better	A+	18	17	25	32	26	16	19	1	4	5	1	41	42
	A	71	50	78	59	87	58	38	3	5	8	3	55	58
	A-	36	23	46	60	72	66	46	0	1	1	3	30	33
	B+	38	28	48	44	35	52	59	2	3	5	3	11	14
	B	68	58	96	99	96	102	61	1	4	5	11	41	52
	B-	44	38	57	76	46	98	75	2	1	3	7	10	17
	C+	27	35	32	53	35	64	53	4	1	5	2	8	10
	C	72	51	62	86	74	91	86	6	2	8	8	20	28
	Total	374	300	444	509	471	547	437	19	21	40	38	216	254
C-or Below	C-	18	31	19	27	25	20	16	1	1	2	1	3	4
	D+	17	8	9	11	11	15	13	2	0	2	1	3	4
	D	32	16	23	34	25	32	37	3	5	8	5	4	9
	D-	6	9	12	12	5	8	9	2	1	3	0	1	1
	F	62	50	58	59	56	46	42	7	8	15	2	10	12
	WU	5	10	2	4	11	12	32	1	9	10	4	18	22
	Total	140	124	123	147	133	133	149	16	24	40	13	39	52
I and W	W	0	0	0	0	0	0	4	1	8	9	12	103	115
	I	3	5	3	7	1	6	0	1	0	1	0	6	6
Dropped		0	0	0	0	0	0	0	0	0	0	26	34	60