

# Colorado Community College System

## Remedial Course Completions

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Office of Institutional Research

## Colorado Community College System Remedial Course Completion Status – AY07 and 08

Of the more than 40,000 enrollments in CCCS remedial courses during AY 07, 63% are represented by successful end of term course completion (Figure 1). Remedial reading students experienced the greatest completion rate at 67%, followed by English and math, at 64% and 60%, respectively. The same completion trends by subject occurred in AY 08, but at slightly lower rates than in AY 07. Students attending in summer terms tended to experience higher completion rates overall, versus fall and spring terms. Course completion rates are defined as earning an A, B, C, or Satisfactory at end of term. Note that CDHE includes a grade of D in their remedial completion rates.

Figure 1. Remedial course completion rates from the sum of CCCS colleges, for each term and each subject in AY 07 and AY 08. Total completion rates are based on the sum of all remedial levels in each subject.

**System Remedial Course Completion Rates – Trend Data**

	Summer 2006	Fall 2006	Spring 2007	<b>AY 07</b>	Summer 2007	Fall 2007	Spring 2008	<b>AY 08</b>
English	71.5%	64.6%	61.9%	64.3%	71.5%	63.0%	62.0%	63.4%
Math	67.0%	60.1%	59.2%	60.4%	66.4%	57.9%	58.2%	59.0%
Reading	73.7%	67.3%	65.6%	67.2%	74.0%	64.2%	63.8%	64.8%
<b>TOTAL</b>	<b>69.1%</b>	<b>62.6%</b>	<b>60.9%</b>	<b>62.6%</b>	<b>68.7%</b>	<b>60.5%</b>	<b>60.1%</b>	<b>61.2%</b>

In comparing completion rates among colleges, four colleges in AY07 and seven in AY08 fell below the total system completion rate shown in Figure 1 of 62.6% and 61.2%, respectively (Figure 2). In terms of remedial English completion, four colleges fell below the system completion rate in English in both AY07 and AY08. The remedial math completion rate at three colleges fell below the overall system remedial math rate in AY07, followed by six in AY08. Nine college reading completion rates in AY07 and six in AY08 were lower than the system total in reading.

Figure 2. Annual remedial course completion rates by subject and by college for academic years 2007 and 2008.

	AY 07				AY 08			
	English	Math	Reading	Total	English	Math	Reading	Total
<b>ACC</b>	56.2%	57.9%	59.9%	57.7%	56.1%	63.3%	67.2%	61.7%
<b>CCA</b>	60.5%	51.5%	51.9%	54.6%	65.2%	56.4%	54.6%	58.9%
<b>CCD</b>	65.2%	61.3%	73.0%	64.6%	63.9%	55.2%	68.1%	60.2%
<b>CNCC</b>	78.8%	67.7%	78.6%	72.4%	55.5%	56.5%	58.0%	56.4%
<b>FRCC</b>	67.4%	60.5%	71.3%	63.7%	65.8%	61.0%	69.8%	63.4%
<b>LCC</b>	72.0%	64.7%	67.6%	66.9%	55.9%	57.1%	56.1%	56.6%
<b>MCC</b>	71.1%	83.0%	70.5%	78.6%	74.7%	83.2%	88.7%	82.0%
<b>NJC</b>	74.7%	60.8%	74.3%	67.1%	66.8%	53.7%	65.5%	60.0%
<b>OJC</b>	67.3%	67.5%	68.3%	67.5%	68.7%	65.4%	72.8%	68.3%
<b>PCC</b>	61.3%	64.4%	57.5%	62.5%	63.8%	59.8%	57.3%	60.5%
<b>PPCC</b>	62.3%	58.5%	67.8%	60.4%	60.8%	57.0%	62.1%	58.6%
<b>RRCC</b>	65.2%	61.7%	77.8%	64.6%	65.1%	62.9%	75.7%	65.0%
<b>TSJC</b>	73.0%	65.5%	76.7%	69.9%	64.4%	66.4%	62.3%	65.1%
<b>SYSTEM</b>	64.3%	60.4%	67.2%	62.6%	63.4%	59.0%	64.8%	61.2%

Across CCCS colleges, the lowest minimum and average completion rates occurred in remedial math in both academic years (Figure 3). However, in AY 07, the highest maximum rate occurred in remedial math. The highest average completion rates occurred in English. Consistent with system totals in the previous table, the higher average completion rates occurred in AY 07.

Figure 3. Minimum, maximum, and average annual remedial completion rates across CCCS colleges for AY 07 and AY 08. Total represents the completion rate in all three subjects combined.

	AY 07			AY 08		
	Minimum	Maximum	Average	Minimum	Maximum	Average
English	56.2%	78.8%	67.3%	55.5%	74.7%	63.6%
Math	51.5%	83.0%	63.5%	53.7%	66.4%	61.4%
Reading	51.9%	78.5%	68.9%	54.6%	88.7%	66.0%
Total	54.6%	78.6%	65.4%	56.4%	82.0%	62.8%

## APPENDIX

### Academic Year 2007 Remedial Course End of Term Completion Status

			Pass	Fail	Withdrew	Incomplete	Missing Grade	TOTAL	% Remedial Students by Subject
<b>ACC</b>	<b>ENG</b>	Count	529	265	143	5	0	942	32.6%
		Percent	56.2%	28.1%	15.2%	0.5%	0.0%	100.0%	
	<b>MAT</b>	Count	845	404	195	14	2	1460	50.5%
		Percent	57.9%	27.7%	13.4%	1.0%	0.1%	100.0%	
	<b>REA</b>	Count	293	141	54	1	0	489	16.9%
		Percent	59.9%	28.8%	11.0%	0.2%	0.0%	100.0%	
<b>TOTAL</b>	Count	1667	810	392	20	2	2891	100.0%	
	Percent	57.7%	28.0%	13.6%	0.7%	0.1%	100.0%		
<b>CCA</b>	<b>ENG</b>	Count	743	370	112	2	2	1229	33.5%
		Percent	60.5%	30.1%	9.1%	0.2%	0.2%	100.0%	
	<b>MAT</b>	Count	882	573	228	16	13	1712	46.6%
		Percent	51.5%	33.5%	13.3%	0.9%	0.8%	100.0%	
	<b>REA</b>	Count	380	258	91	2	1	732	19.9%
		Percent	51.9%	35.2%	12.4%	0.3%	0.1%	100.0%	
<b>TOTAL</b>	Count	2005	1201	431	20	16	3673	100.0%	
	Percent	54.6%	32.7%	11.7%	0.5%	0.4%	100.0%		
<b>CCD</b>	<b>ENG</b>	Count	1812	781	167	15	6	2781	28.5%
		Percent	65.2%	28.1%	6.0%	0.5%	0.2%	100.0%	
	<b>MAT</b>	Count	3056	1479	352	85	11	4983	51.1%
		Percent	61.3%	29.7%	7.1%	1.7%	0.2%	100.0%	
	<b>REA</b>	Count	1449	426	89	16	6	1986	20.4%
		Percent	73.0%	21.5%	4.5%	0.8%	0.3%	100.0%	
<b>TOTAL</b>	Count	6317	2686	608	116	23	9750	100.0%	
	Percent	64.8%	27.5%	6.2%	1.2%	0.2%	100.0%		
<b>CNCC</b>	<b>ENG</b>	Count	89	18	6	0	0	113	28.8%
		Percent	78.8%	15.9%	5.3%	0.0%	0.0%	100.0%	
	<b>MAT</b>	Count	151	44	24	4	0	223	56.9%
		Percent	67.7%	19.7%	10.8%	1.8%	0.0%	100.0%	
	<b>REA</b>	Count	44	7	5	0	0	56	14.3%
		Percent	78.6%	12.5%	8.9%	0.0%	0.0%	100.0%	
<b>TOTAL</b>	Count	284	69	35	4	0	392	100.0%	
	Percent	72.4%	17.6%	8.9%	1.0%	0.0%	100.0%		
<b>FRCC</b>	<b>ENG</b>	Count	1611	532	212	19	17	2391	31.6%
		Percent	67.4%	22.3%	8.9%	0.8%	0.7%	100.0%	
	<b>MAT</b>	Count	2684	1089	643	5	18	4439	58.7%
		Percent	60.5%	24.5%	14.5%	0.1%	0.4%	100.0%	
	<b>REA</b>	Count	522	134	66	0	10	732	9.7%
		Percent	71.3%	18.3%	9.0%	0.0%	1.4%	100.0%	
<b>TOTAL</b>	Count	4817	1755	921	24	45	7562	100.0%	
	Percent	63.7%	23.2%	12.2%	0.3%	0.6%	100.0%		

			Pass	Fail	Withdrew	Incomplete	Missing Grade	TOTAL	% Remedial Students by Subject
<b>LCC</b>	<b>ENG</b>	Count	59	17	5	1	0	82	25.6%
		Percent	72.0%	20.7%	6.1%	1.2%	0.0%	100.0%	
	<b>MAT</b>	Count	130	55	16	0	0	201	62.8%
		Percent	64.7%	27.4%	8.0%	0.0%	0.0%	100.0%	
	<b>REA</b>	Count	25	9	3	0	0	37	11.6%
		Percent	67.6%	24.3%	8.1%	0.0%	0.0%	100.0%	
	<b>TOTAL</b>	Count	214	81	24	1	0	320	100.0%
Percent		66.9%	25.3%	7.5%	0.3%	0.0%	100.0%		
<b>MCC</b>	<b>ENG</b>	Count	69	5	22	1	0	97	25.0%
		Percent	71.1%	5.2%	22.7%	1.0%	0.0%	100.0%	
	<b>MAT</b>	Count	205	17	21	2	2	247	63.7%
		Percent	83.0%	6.9%	8.5%	0.8%	0.8%	100.0%	
	<b>REA</b>	Count	31	1	12	0	0	44	11.3%
		Percent	70.5%	2.3%	27.3%	0.0%	0.0%	100.0%	
	<b>TOTAL</b>	Count	305	23	55	3	2	388	100.0%
Percent		78.6%	5.9%	14.2%	0.8%	0.5%	100.0%		
<b>NJC</b>	<b>ENG</b>	Count	198	51	16	0	0	265	33.1%
		Percent	74.7%	19.2%	6.0%	0.0%	0.0%	100.0%	
	<b>MAT</b>	Count	235	110	49	1	0	395	49.4%
		Percent	59.5%	27.8%	12.4%	0.3%	0.0%	100.0%	
	<b>REA</b>	Count	104	28	6	2	0	140	17.5%
		Percent	74.3%	20.0%	4.3%	1.4%	0.0%	100.0%	
	<b>TOTAL</b>	Count	537	189	71	3	0	800	100.0%
Percent		67.1%	23.6%	8.9%	0.4%	0.0%	100.0%		
<b>OJC</b>	<b>ENG</b>	Count	212	75	24	3	1	315	32.8%
		Percent	67.3%	23.8%	7.6%	1.0%	0.3%	100.0%	
	<b>MAT</b>	Count	272	76	43	10	2	403	41.9%
		Percent	67.5%	18.9%	10.7%	2.5%	0.5%	100.0%	
	<b>REA</b>	Count	166	63	11	3	0	243	25.3%
		Percent	68.3%	25.9%	4.5%	1.2%	0.0%	100.0%	
	<b>TOTAL</b>	Count	650	214	78	16	3	961	100.0%
Percent		67.6%	22.3%	8.1%	1.7%	0.3%	100.0%		
<b>PCC</b>	<b>ENG</b>	Count	622	179	200	8	5	1014	24.7%
		Percent	61.3%	17.7%	19.7%	0.8%	0.5%	100.0%	
	<b>MAT</b>	Count	1555	535	307	11	7	2415	58.8%
		Percent	64.4%	22.2%	12.7%	0.5%	0.3%	100.0%	
	<b>REA</b>	Count	389	112	155	19	1	676	16.5%
		Percent	57.5%	16.6%	22.9%	2.8%	0.1%	100.0%	
	<b>TOTAL</b>	Count	2566	826	662	38	13	4105	100.0%
Percent		62.5%	20.1%	16.1%	0.9%	0.3%	100.0%		

			Pass	Fail	Withdraw	Incomplete	Missing Grade	TOTAL	% Remedial Students by Subject
<b>PPCC</b>	<b>ENG</b>	Count	1279	537	232	2	2	2052	27.5%
		Percent	62.3%	26.2%	11.3%	0.1%	0.1%	100.0%	
	<b>MAT</b>	Count	2758	1327	607	18	5	4715	63.2%
		Percent	67.8%	20.1%	11.7%	0.0%	0.4%	100.0%	
	<b>TOTAL</b>	Count	4506	2003	920	20	10	7459	100.0%
		Percent	60.4%	26.9%	12.3%	0.3%	0.1%	100.0%	
<b>RRCC</b>	<b>ENG</b>	Count	392	162	41	2	4	601	26.8%
		Percent	65.2%	27.0%	6.8%	0.3%	0.7%	100.0%	
	<b>MAT</b>	Count	846	367	146	6	6	1371	61.2%
		Percent	61.7%	26.8%	10.6%	0.4%	0.4%	100.0%	
	<b>REA</b>	Count	210	44	8	0	8	270	12.0%
		Percent	77.8%	16.3%	3.0%	0.0%	3.0%	100.0%	
	<b>TOTAL</b>	Count	1448	573	195	8	18	2242	100.0%
Percent		64.6%	25.6%	8.7%	0.4%	0.8%	100.0%		
<b>TSJC</b>	<b>ENG</b>	Count	162	52	8	0	0	222	28.1%
		Percent	73.0%	23.4%	3.6%	0.0%	0.0%	100.0%	
	<b>MAT</b>	Count	266	88	43	8	1	406	51.3%
		Percent	65.5%	21.7%	10.6%	2.0%	0.2%	100.0%	
	<b>REA</b>	Count	125	30	8	0	0	163	20.6%
		Percent	76.7%	18.4%	4.9%	0.0%	0.0%	100.0%	
<b>TOTAL</b>	Count	553	170	59	8	1	791		
	Percent	69.9%	21.5%	7.5%	1.0%	0.1%	100.0%		
<b>SYSTEM TOTAL</b>		<b>Count</b>	<b>25,869</b>	<b>10,600</b>	<b>4,451</b>	<b>281</b>	<b>133</b>	<b>41,334</b>	
		<b>Percent</b>	<b>62.6%</b>	<b>25.6%</b>	<b>10.8%</b>	<b>0.7%</b>	<b>0.3%</b>	<b>100.0%</b>	

\*Pass = A, B, C or Satisfactory. CDHE includes a grade of D in their pass rate.

### Academic Year 2008 Remedial Course End of Term Completion Status

			Pass	Fail	Withdrew	Incomplete	Missing Grade	TOTAL	% Remedial Students by Subject
<b>ACC</b>	<b>ENG</b>	Count	489	234	146	1	2	872	31.9%
		Percent	56.1%	26.8%	16.7%	0.1%	0.2%	100.0%	
	<b>MAT</b>	Count	878	316	190	3	0	1387	50.7%
		Percent	63.3%	22.8%	13.7%	0.2%	0.0%	100.0%	
	<b>REA</b>	Count	319	100	56	0	0	475	17.4%
		Percent	67.2%	21.1%	11.8%	0.0%	0.0%	100.0%	
	<b>TOTAL</b>	Count	1686	650	392	4	2	2734	100.0%
	Percent	61.7%	23.8%	14.3%	0.1%	0.1%	100.0%		
<b>CCA</b>	<b>ENG</b>	Count	754	296	107	0	0	1157	32.8%
		Percent	65.2%	25.6%	9.2%	0.0%	0.0%	100.0%	
	<b>MAT</b>	Count	927	488	221	7	0	1643	46.5%
		Percent	56.4%	29.7%	13.5%	0.4%	0.0%	100.0%	
	<b>REA</b>	Count	400	230	101	0	1	732	20.7%
		Percent	54.6%	31.4%	13.8%	0.0%	0.1%	100.0%	
	<b>TOTAL</b>	Count	2081	1014	429	7	1	3532	100.0%
	Percent	58.9%	28.7%	12.1%	0.2%	0.0%	100.0%		
<b>CCD</b>	<b>ENG</b>	Count	1789	713	183	110	4	2799	30.1%
		Percent	63.9%	25.5%	6.5%	3.9%	0.1%	100.0%	
	<b>MAT</b>	Count	2620	1262	337	525	5	4749	51.1%
		Percent	55.2%	26.6%	7.1%	11.1%	0.1%	100.0%	
	<b>REA</b>	Count	1193	340	87	127	4	1751	18.8%
		Percent	68.1%	19.4%	5.0%	7.3%	0.2%	100.0%	
	<b>TOTAL</b>	Count	5602	2315	607	762	13	9299	100.0%
	Percent	60.2%	24.9%	6.5%	8.2%	0.1%	100.0%		
<b>CNCC</b>	<b>ENG</b>	Count	66	29	23	0	1	119	30.0%
		Percent	55.5%	24.4%	19.3%	0.0%	0.8%	100.0%	
	<b>MAT</b>	Count	118	53	36	1	1	209	52.6%
		Percent	56.5%	25.4%	17.2%	0.5%	0.5%	100.0%	
	<b>REA</b>	Count	40	19	10	0	0	69	17.4%
		Percent	58.0%	27.5%	14.5%	0.0%	0.0%	100.0%	
	<b>TOTAL</b>	Count	224	101	69	1	2	397	100.0%
	Percent	56.4%	25.4%	17.4%	0.3%	0.5%	100.0%		

			Pass	Fail	Withdraw	Incomplete	Missing Grade	TOTAL	% Remedial Students by Subject
<b>FRCC</b>	<b>ENG</b>	Count	1585	550	263	10	1	2409	31.1%
		Percent	65.8%	22.8%	10.9%	0.4%	0.0%	100.0%	
	<b>MAT</b>	Count	2799	1123	651	11	1	4585	59.1%
		Percent	61.0%	24.5%	14.2%	0.2%	0.0%	100.0%	
	<b>REA</b>	Count	532	153	67	10	0	762	9.8%
		Percent	69.8%	20.1%	8.8%	1.3%	0.0%	100.0%	
	<b>TOTAL</b>	Count	4916	1826	981	31	2	7756	100.0%
	Percent	63.4%	23.5%	12.6%	0.4%	0.0%	100.0%		
<b>LCC</b>	<b>ENG</b>	Count	80	54	7	1	1	143	31.4%
		Percent	55.9%	37.8%	4.9%	0.7%	0.7%	100.0%	
	<b>MAT</b>	Count	132	79	19	0	1	231	50.7%
		Percent	57.1%	34.2%	8.2%	0.0%	0.4%	100.0%	
	<b>REA</b>	Count	46	28	8	0	0	82	18.0%
		Percent	56.1%	34.1%	9.8%	0.0%	0.0%	100.0%	
	<b>TOTAL</b>	Count	258	161	34	1	2	456	100.0%
	Percent	56.6%	35.3%	7.5%	0.2%	0.4%	100.0%		
<b>MCC</b>	<b>ENG</b>	Count	68	13	10	0	0	91	22.8%
		Percent	74.7%	14.3%	11.0%	0.0%	0.0%	100.0%	
	<b>MAT</b>	Count	213	20	22	1	0	256	64.0%
		Percent	83.2%	7.8%	8.6%	0.4%	0.0%	100.0%	
	<b>REA</b>	Count	47	3	3	0	0	53	13.3%
		Percent	88.7%	5.7%	5.7%	0.0%	0.0%	100.0%	
	<b>TOTAL</b>	Count	328	36	35	1	0	400	100.0%
	Percent	82.0%	9.0%	8.8%	0.3%	0.0%	100.0%		
<b>NJC</b>	<b>ENG</b>	Count	203	72	27	2	0	304	34.3%
		Percent	66.8%	23.7%	8.9%	0.7%	0.0%	100.0%	
	<b>MAT</b>	Count	238	135	69	1	0	443	50.0%
		Percent	53.7%	30.5%	15.6%	0.2%	0.0%	100.0%	
	<b>REA</b>	Count	91	36	12	0	0	139	15.7%
		Percent	65.5%	25.9%	8.6%	0.0%	0.0%	100.0%	
	<b>TOTAL</b>	Count	532	243	108	3	0	886	100.0%
	Percent	60.0%	27.4%	12.2%	0.3%	0.0%	100.0%		

			Pass	Fail	Withdraw	Incomplete	Missing Grade	TOTAL	% Remedial Students by Subject
<b>OJC</b>	<b>ENG</b>	Count	202	63	18	10	1	294	34.3%
		Percent	68.7%	21.4%	6.1%	3.4%	0.3%	100.0%	
	<b>MAT</b>	Count	233	100	15	7	1	356	41.6%
		Percent	65.4%	28.1%	4.2%	2.0%	0.3%	100.0%	
	<b>REA</b>	Count	150	40	8	6	2	206	24.1%
		Percent	72.8%	19.4%	3.9%	2.9%	1.0%	100.0%	
	<b>TOTAL</b>	Count	585	203	41	23	4	856	100.0%
		Percent	68.3%	23.7%	4.8%	2.7%	0.5%	100.0%	
<b>PCC</b>	<b>ENG</b>	Count	765	211	220	3	0	1199	27.5%
		Percent	63.8%	17.6%	18.3%	0.3%	0.0%	100.0%	
	<b>MAT</b>	Count	1460	535	330	114	1	2440	56.0%
		Percent	59.8%	21.9%	13.5%	4.7%	0.0%	100.0%	
	<b>REA</b>	Count	413	206	96	6	0	721	16.5%
		Percent	57.3%	28.6%	13.3%	0.8%	0.0%	100.0%	
	<b>TOTAL</b>	Count	2638	952	646	123	1	4360	100.0%
		Percent	60.5%	21.8%	14.8%	2.8%	0.0%	100.0%	
<b>PPCC</b>	<b>ENG</b>	Count	1345	590	277	1	0	2213	27.5%
		Percent	60.8%	26.7%	12.5%	0.0%	0.0%	100.0%	
	<b>MAT</b>	Count	2851	1427	713	7	0	4998	62.1%
		Percent	57.0%	28.6%	14.3%	0.1%	0.0%	100.0%	
	<b>REA</b>	Count	520	201	112	4	0	837	10.4%
		Percent	62.1%	24.0%	13.4%	0.5%	0.0%	100.0%	
	<b>TOTAL</b>	Count	4716	2218	1102	12	0	8048	100.0%
		Percent	58.6%	27.6%	13.7%	0.1%	0.0%	100.0%	
<b>RRCC</b>	<b>ENG</b>	Count	458	196	46	2	1	703	28.8%
		Percent	65.1%	27.9%	6.5%	0.3%	0.1%	100.0%	
	<b>MAT</b>	Count	920	371	162	8	1	1462	59.9%
		Percent	62.9%	25.4%	11.1%	0.5%	0.1%	100.0%	
	<b>REA</b>	Count	209	52	14	1	0	276	11.3%
		Percent	75.7%	18.8%	5.1%	0.4%	0.0%	100.0%	
	<b>TOTAL</b>	Count	1587	619	222	11	2	2441	100.0%
		Percent	65.0%	25.4%	9.1%	0.5%	0.1%	100.0%	
<b>TSJC</b>	<b>ENG</b>	Count	139	48	25	4	0	216	26.4%
		Percent	64.4%	22.2%	11.6%	1.9%	0.0%	100.0%	
	<b>MAT</b>	Count	297	73	69	8	0	447	54.7%
		Percent	66.4%	16.3%	15.4%	1.8%	0.0%	100.0%	
	<b>REA</b>	Count	96	34	19	4	1	154	18.8%
		Percent	62.3%	22.1%	12.3%	2.6%	0.6%	100.0%	
	<b>TOTAL</b>	Count	532	155	113	16	1	817	100.0%
		Percent	65.1%	19.0%	13.8%	2.0%	0.1%	100.0%	
<b>SYSTEM TOTAL</b>	<b>Count</b>	<b>25,685</b>	<b>10,493</b>	<b>4,779</b>	<b>995</b>	<b>30</b>	<b>41,982</b>		
	<b>Percent</b>	<b>61.2%</b>	<b>25.0%</b>	<b>11.4%</b>	<b>2.4%</b>	<b>0.1%</b>	<b>100.0%</b>		