

Colorado Community College System

Remedial Course Completions

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	AY 07	Summer 2007	Fall 2007	Spring 2008	AY 08
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%
TOTAL	69.1%	62.6%	60.9%	62.6%	68.7%	60.5%	60.1%	61.2%

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
ACC	56.2%	57.9%	59.9%	57.7%	56.1%	63.3%	67.2%	61.7%
CCA	60.5%	51.5%	51.9%	54.6%	65.2%	56.4%	54.6%	58.9%
CCD	65.2%	61.3%	73.0%	64.6%	63.9%	55.2%	68.1%	60.2%
CNCC	78.8%	67.7%	78.6%	72.4%	55.5%	56.5%	58.0%	56.4%
FRCC	67.4%	60.5%	71.3%	63.7%	65.8%	61.0%	69.8%	63.4%
LCC	72.0%	64.7%	67.6%	66.9%	55.9%	57.1%	56.1%	56.6%
MCC	71.1%	83.0%	70.5%	78.6%	74.7%	83.2%	88.7%	82.0%
NJC	74.7%	60.8%	74.3%	67.1%	66.8%	53.7%	65.5%	60.0%
OJC	67.3%	67.5%	68.3%	67.5%	68.7%	65.4%	72.8%	68.3%
PCC	61.3%	64.4%	57.5%	62.5%	63.8%	59.8%	57.3%	60.5%
PPCC	62.3%	58.5%	67.8%	60.4%	60.8%	57.0%	62.1%	58.6%
RRCC	65.2%	61.7%	77.8%	64.6%	65.1%	62.9%	75.7%	65.0%
TSJC	73.0%	65.5%	76.7%	69.9%	64.4%	66.4%	62.3%	65.1%
SYSTEM	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
ACC	ENG	Count	529	265	143	5	0	942	32.6%
		Percent	56.2%	28.1%	15.2%	0.5%	0.0%	100.0%	
	MAT	Count	845	404	195	14	2	1460	50.5%
		Percent	57.9%	27.7%	13.4%	1.0%	0.1%	100.0%	
	REA	Count	293	141	54	1	0	489	16.9%
		Percent	59.9%	28.8%	11.0%	0.2%	0.0%	100.0%	
TOTAL	Count	1667	810	392	20	2	2891	100.0%	
	Percent	57.7%	28.0%	13.6%	0.7%	0.1%	100.0%		
CCA	ENG	Count	743	370	112	2	2	1229	33.5%
		Percent	60.5%	30.1%	9.1%	0.2%	0.2%	100.0%	
	MAT	Count	882	573	228	16	13	1712	46.6%
		Percent	51.5%	33.5%	13.3%	0.9%	0.8%	100.0%	
	REA	Count	380	258	91	2	1	732	19.9%
		Percent	51.9%	35.2%	12.4%	0.3%	0.1%	100.0%	
TOTAL	Count	2005	1201	431	20	16	3673	100.0%	
	Percent	54.6%	32.7%	11.7%	0.5%	0.4%	100.0%		
CCD	ENG	Count	1812	781	167	15	6	2781	28.5%
		Percent	65.2%	28.1%	6.0%	0.5%	0.2%	100.0%	
	MAT	Count	3056	1479	352	85	11	4983	51.1%
		Percent	61.3%	29.7%	7.1%	1.7%	0.2%	100.0%	
	REA	Count	1449	426	89	16	6	1986	20.4%
		Percent	73.0%	21.5%	4.5%	0.8%	0.3%	100.0%	
TOTAL	Count	6317	2686	608	116	23	9750	100.0%	
	Percent	64.8%	27.5%	6.2%	1.2%	0.2%	100.0%		
CNCC	ENG	Count	89	18	6	0	0	113	28.8%
		Percent	78.8%	15.9%	5.3%	0.0%	0.0%	100.0%	
	MAT	Count	151	44	24	4	0	223	56.9%
		Percent	67.7%	19.7%	10.8%	1.8%	0.0%	100.0%	
	REA	Count	44	7	5	0	0	56	14.3%
		Percent	78.6%	12.5%	8.9%	0.0%	0.0%	100.0%	
TOTAL	Count	284	69	35	4	0	392	100.0%	
	Percent	72.4%	17.6%	8.9%	1.0%	0.0%	100.0%		
FRCC	ENG	Count	1611	532	212	19	17	2391	31.6%
		Percent	67.4%	22.3%	8.9%	0.8%	0.7%	100.0%	
	MAT	Count	2684	1089	643	5	18	4439	58.7%
		Percent	60.5%	24.5%	14.5%	0.1%	0.4%	100.0%	
	REA	Count	522	134	66	0	10	732	9.7%
		Percent	71.3%	18.3%	9.0%	0.0%	1.4%	100.0%	
TOTAL	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
LCC	ENG	Count	59	17	5	1	0	82	25.6%
		Percent	72.0%	20.7%	6.1%	1.2%	0.0%	100.0%	
	MAT	Count	130	55	16	0	0	201	62.8%
		Percent	64.7%	27.4%	8.0%	0.0%	0.0%	100.0%	
	REA	Count	25	9	3	0	0	37	11.6%
		Percent	67.6%	24.3%	8.1%	0.0%	0.0%	100.0%	
	TOTAL	Count	214	81	24	1	0	320	100.0%
Percent		66.9%	25.3%	7.5%	0.3%	0.0%	100.0%		
MCC	ENG	Count	69	5	22	1	0	97	25.0%
		Percent	71.1%	5.2%	22.7%	1.0%	0.0%	100.0%	
	MAT	Count	205	17	21	2	2	247	63.7%
		Percent	83.0%	6.9%	8.5%	0.8%	0.8%	100.0%	
	REA	Count	31	1	12	0	0	44	11.3%
		Percent	70.5%	2.3%	27.3%	0.0%	0.0%	100.0%	
	TOTAL	Count	305	23	55	3	2	388	100.0%
Percent		78.6%	5.9%	14.2%	0.8%	0.5%	100.0%		
NJC	ENG	Count	198	51	16	0	0	265	33.1%
		Percent	74.7%	19.2%	6.0%	0.0%	0.0%	100.0%	
	MAT	Count	235	110	49	1	0	395	49.4%
		Percent	59.5%	27.8%	12.4%	0.3%	0.0%	100.0%	
	REA	Count	104	28	6	2	0	140	17.5%
		Percent	74.3%	20.0%	4.3%	1.4%	0.0%	100.0%	
	TOTAL	Count	537	189	71	3	0	800	100.0%
Percent		67.1%	23.6%	8.9%	0.4%	0.0%	100.0%		
OJC	ENG	Count	212	75	24	3	1	315	32.8%
		Percent	67.3%	23.8%	7.6%	1.0%	0.3%	100.0%	
	MAT	Count	272	76	43	10	2	403	41.9%
		Percent	67.5%	18.9%	10.7%	2.5%	0.5%	100.0%	
	REA	Count	166	63	11	3	0	243	25.3%
		Percent	68.3%	25.9%	4.5%	1.2%	0.0%	100.0%	
	TOTAL	Count	650	214	78	16	3	961	100.0%
Percent		67.6%	22.3%	8.1%	1.7%	0.3%	100.0%		
PCC	ENG	Count	622	179	200	8	5	1014	24.7%
		Percent	61.3%	17.7%	19.7%	0.8%	0.5%	100.0%	
	MAT	Count	1555	535	307	11	7	2415	58.8%
		Percent	64.4%	22.2%	12.7%	0.5%	0.3%	100.0%	
	REA	Count	389	112	155	19	1	676	16.5%
		Percent	57.5%	16.6%	22.9%	2.8%	0.1%	100.0%	
	TOTAL	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
PPCC	ENG	Count	1279	537	232	2	2	2052	27.5%
		Percent	62.3%	26.2%	11.3%	0.1%	0.1%	100.0%	
	MAT	Count	2758	1327	607	18	5	4715	63.2%
		Percent	67.8%	20.1%	11.7%	0.0%	0.4%	100.0%	
	TOTAL	Count	4506	2003	920	20	10	7459	100.0%
		Percent	60.4%	26.9%	12.3%	0.3%	0.1%	100.0%	
RRCC	ENG	Count	392	162	41	2	4	601	26.8%
		Percent	65.2%	27.0%	6.8%	0.3%	0.7%	100.0%	
	MAT	Count	846	367	146	6	6	1371	61.2%
		Percent	61.7%	26.8%	10.6%	0.4%	0.4%	100.0%	
	REA	Count	210	44	8	0	8	270	12.0%
		Percent	77.8%	16.3%	3.0%	0.0%	3.0%	100.0%	
TOTAL	Count	1448	573	195	8	18	2242	100.0%	
	Percent	64.6%	25.6%	8.7%	0.4%	0.8%	100.0%		
TSJC	ENG	Count	162	52	8	0	0	222	28.1%
		Percent	73.0%	23.4%	3.6%	0.0%	0.0%	100.0%	
	MAT	Count	266	88	43	8	1	406	51.3%
		Percent	65.5%	21.7%	10.6%	2.0%	0.2%	100.0%	
	REA	Count	125	30	8	0	0	163	20.6%
		Percent	76.7%	18.4%	4.9%	0.0%	0.0%	100.0%	
TOTAL	Count	553	170	59	8	1	791		
	Percent	69.9%	21.5%	7.5%	1.0%	0.1%	100.0%		
SYSTEM TOTAL		Count	25,869	10,600	4,451	281	133	41,334	
		Percent	62.6%	25.6%	10.8%	0.7%	0.3%	100.0%	

*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
ACC	ENG	Count	489	234	146	1	2	872	31.9%
		Percent	56.1%	26.8%	16.7%	0.1%	0.2%	100.0%	
	MAT	Count	878	316	190	3	0	1387	50.7%
		Percent	63.3%	22.8%	13.7%	0.2%	0.0%	100.0%	
	REA	Count	319	100	56	0	0	475	17.4%
		Percent	67.2%	21.1%	11.8%	0.0%	0.0%	100.0%	
	TOTAL	Count	1686	650	392	4	2	2734	100.0%
	Percent	61.7%	23.8%	14.3%	0.1%	0.1%	100.0%		
CCA	ENG	Count	754	296	107	0	0	1157	32.8%
		Percent	65.2%	25.6%	9.2%	0.0%	0.0%	100.0%	
	MAT	Count	927	488	221	7	0	1643	46.5%
		Percent	56.4%	29.7%	13.5%	0.4%	0.0%	100.0%	
	REA	Count	400	230	101	0	1	732	20.7%
		Percent	54.6%	31.4%	13.8%	0.0%	0.1%	100.0%	
	TOTAL	Count	2081	1014	429	7	1	3532	100.0%
	Percent	58.9%	28.7%	12.1%	0.2%	0.0%	100.0%		
CCD	ENG	Count	1789	713	183	110	4	2799	30.1%
		Percent	63.9%	25.5%	6.5%	3.9%	0.1%	100.0%	
	MAT	Count	2620	1262	337	525	5	4749	51.1%
		Percent	55.2%	26.6%	7.1%	11.1%	0.1%	100.0%	
	REA	Count	1193	340	87	127	4	1751	18.8%
		Percent	68.1%	19.4%	5.0%	7.3%	0.2%	100.0%	
	TOTAL	Count	5602	2315	607	762	13	9299	100.0%
	Percent	60.2%	24.9%	6.5%	8.2%	0.1%	100.0%		
CNCC	ENG	Count	66	29	23	0	1	119	30.0%
		Percent	55.5%	24.4%	19.3%	0.0%	0.8%	100.0%	
	MAT	Count	118	53	36	1	1	209	52.6%
		Percent	56.5%	25.4%	17.2%	0.5%	0.5%	100.0%	
	REA	Count	40	19	10	0	0	69	17.4%
		Percent	58.0%	27.5%	14.5%	0.0%	0.0%	100.0%	
	TOTAL	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
FRCC	ENG	Count	1585	550	263	10	1	2409	31.1%
		Percent	65.8%	22.8%	10.9%	0.4%	0.0%	100.0%	
	MAT	Count	2799	1123	651	11	1	4585	59.1%
		Percent	61.0%	24.5%	14.2%	0.2%	0.0%	100.0%	
	REA	Count	532	153	67	10	0	762	9.8%
		Percent	69.8%	20.1%	8.8%	1.3%	0.0%	100.0%	
	TOTAL	Count	4916	1826	981	31	2	7756	100.0%
	Percent	63.4%	23.5%	12.6%	0.4%	0.0%	100.0%		
LCC	ENG	Count	80	54	7	1	1	143	31.4%
		Percent	55.9%	37.8%	4.9%	0.7%	0.7%	100.0%	
	MAT	Count	132	79	19	0	1	231	50.7%
		Percent	57.1%	34.2%	8.2%	0.0%	0.4%	100.0%	
	REA	Count	46	28	8	0	0	82	18.0%
		Percent	56.1%	34.1%	9.8%	0.0%	0.0%	100.0%	
	TOTAL	Count	258	161	34	1	2	456	100.0%
	Percent	56.6%	35.3%	7.5%	0.2%	0.4%	100.0%		
MCC	ENG	Count	68	13	10	0	0	91	22.8%
		Percent	74.7%	14.3%	11.0%	0.0%	0.0%	100.0%	
	MAT	Count	213	20	22	1	0	256	64.0%
		Percent	83.2%	7.8%	8.6%	0.4%	0.0%	100.0%	
	REA	Count	47	3	3	0	0	53	13.3%
		Percent	88.7%	5.7%	5.7%	0.0%	0.0%	100.0%	
	TOTAL	Count	328	36	35	1	0	400	100.0%
	Percent	82.0%	9.0%	8.8%	0.3%	0.0%	100.0%		
NJC	ENG	Count	203	72	27	2	0	304	34.3%
		Percent	66.8%	23.7%	8.9%	0.7%	0.0%	100.0%	
	MAT	Count	238	135	69	1	0	443	50.0%
		Percent	53.7%	30.5%	15.6%	0.2%	0.0%	100.0%	
	REA	Count	91	36	12	0	0	139	15.7%
		Percent	65.5%	25.9%	8.6%	0.0%	0.0%	100.0%	
	TOTAL	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
OJC	ENG	Count	202	63	18	10	1	294	34.3%
		Percent	68.7%	21.4%	6.1%	3.4%	0.3%	100.0%	
	MAT	Count	233	100	15	7	1	356	41.6%
		Percent	65.4%	28.1%	4.2%	2.0%	0.3%	100.0%	
	REA	Count	150	40	8	6	2	206	24.1%
		Percent	72.8%	19.4%	3.9%	2.9%	1.0%	100.0%	
	TOTAL	Count	585	203	41	23	4	856	100.0%
		Percent	68.3%	23.7%	4.8%	2.7%	0.5%	100.0%	
PCC	ENG	Count	765	211	220	3	0	1199	27.5%
		Percent	63.8%	17.6%	18.3%	0.3%	0.0%	100.0%	
	MAT	Count	1460	535	330	114	1	2440	56.0%
		Percent	59.8%	21.9%	13.5%	4.7%	0.0%	100.0%	
	REA	Count	413	206	96	6	0	721	16.5%
		Percent	57.3%	28.6%	13.3%	0.8%	0.0%	100.0%	
	TOTAL	Count	2638	952	646	123	1	4360	100.0%
		Percent	60.5%	21.8%	14.8%	2.8%	0.0%	100.0%	
PPCC	ENG	Count	1345	590	277	1	0	2213	27.5%
		Percent	60.8%	26.7%	12.5%	0.0%	0.0%	100.0%	
	MAT	Count	2851	1427	713	7	0	4998	62.1%
		Percent	57.0%	28.6%	14.3%	0.1%	0.0%	100.0%	
	REA	Count	520	201	112	4	0	837	10.4%
		Percent	62.1%	24.0%	13.4%	0.5%	0.0%	100.0%	
	TOTAL	Count	4716	2218	1102	12	0	8048	100.0%
		Percent	58.6%	27.6%	13.7%	0.1%	0.0%	100.0%	
RRCC	ENG	Count	458	196	46	2	1	703	28.8%
		Percent	65.1%	27.9%	6.5%	0.3%	0.1%	100.0%	
	MAT	Count	920	371	162	8	1	1462	59.9%
		Percent	62.9%	25.4%	11.1%	0.5%	0.1%	100.0%	
	REA	Count	209	52	14	1	0	276	11.3%
		Percent	75.7%	18.8%	5.1%	0.4%	0.0%	100.0%	
	TOTAL	Count	1587	619	222	11	2	2441	100.0%
		Percent	65.0%	25.4%	9.1%	0.5%	0.1%	100.0%	
TSJC	ENG	Count	139	48	25	4	0	216	26.4%
		Percent	64.4%	22.2%	11.6%	1.9%	0.0%	100.0%	
	MAT	Count	297	73	69	8	0	447	54.7%
		Percent	66.4%	16.3%	15.4%	1.8%	0.0%	100.0%	
	REA	Count	96	34	19	4	1	154	18.8%
		Percent	62.3%	22.1%	12.3%	2.6%	0.6%	100.0%	
	TOTAL	Count	532	155	113	16	1	817	100.0%
		Percent	65.1%	19.0%	13.8%	2.0%	0.1%	100.0%	
SYSTEM TOTAL	Count	25,685	10,493	4,779	995	30	41,982		
	Percent	61.2%	25.0%	11.4%	2.4%	0.1%	100.0%		