
3B

Information

Professional Services Committee

Report on Passing Rates of Commission-Approved Examinations from 2006-2007 to 2010-2011

AGENDA INSERT

Executive Summary: This agenda item reports the passing rates of Commission-approved examinations. For each examination, the purpose of the examination, its structure, the scoring process, the examination volume, the first-time passing rate, and the cumulative passing rate are discussed. When available, the passing rate by demographic data is also discussed.

Recommended Action: For information only

Presenter: Michael Taylor and Phyllis Jacobson,
Consultants, Professional Services Division

Strategic Plan Goal: 1

Promote educational excellence through the preparation and certification of professional educators.

- ◆ Sustain high quality standards for the preparation and performance of professional educators and for the accreditation of credential programs

January 2012

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Correction

The following tables 9A, 9B, 10A and 10B replace tables 9 and 10 on pages PSC 3B-14 to 3B-16.

Table 9A: CSET Multiple and Single Subjects - Total number of examinees, 2003 – 2011

CSET Examination	2003- 2011	2010- 2011	2009- 2010	2008- 2009	2007- 2008	2006- 2007
All examinees	240,202	16,709	21,583	25,195	26,524	27,618
Multiple Subjects	135,453	6,767	9,424	11,679	12,933	14,820
Writing	6,053	1,427	1,310	1,495	1,457	364
Single Subjects:						
Agriculture	135	13	16	19	31	24
Art	1,524	172	158	242	225	234
Business	530	48	58	81	95	119
English	21,029	1,702	2,097	2,380	2,407	2,580
Health Science	2,354	266	344	340	420	437
Home Economics	292	34	41	53	48	52
Industrial Technology Education	340	63	49	55	67	48
World Languages:						
American Sign Language	130	15	18	14	17	30
Arabic	20	8	5	3	4	
Armenian	11		4	6	1	
Cantonese	5	1	2	1	1	
Farsi	4	1	2		1	
Filipino	41	2	3	4	7	25
French	499	50	72	66	60	75
German	72	3	10	8	8	12
Hebrew	1	1				
Hmong	15	1	5	4	5	
Italian	12	12				
Japanese	131	13	14	17	22	19
Khmer	1				1	
Korean	98	15	21	12	12	19
Mandarin	775	70	91	101	119	235
Portuguese	3	1	2			
Punjabi	14	2	3	1		4
Russian	40	2	8	9	7	8
Spanish	3,089	304	409	414	450	471
Vietnamese	32	1	3	5	9	8
Mathematics	8,258	472	759	908	823	863
Music	796	71	94	105	113	136
Physical Education	4,303	483	528	658	711	616
Science:						

CSET Examination	2003-2011	2010-2011	2009-2010	2008-2009	2007-2008	2006-2007
All examinees	240,202	16,709	21,583	25,195	26,524	27,618
Biological Sciences	8,361	579	892	947	955	953
Biological Sciences (Specialized)	1,867	156	209	206	255	246
Chemistry	3,169	220	334	398	363	359
Chemistry (Specialized)	1,015	114	118	140	134	118
Geosciences	2,766	138	307	341	342	357
Geosciences (Specialized)	744	80	92	112	110	109
Physics	1,827	99	83	92	91	80
Physics (Specialized)	654	1,531	1,760	1,842	1,854	1,899
Social Science	17,323	579	892	947	955	953

Table 9B shows the numbers of examinees who took both Subtests I and II for CSET: Mathematics and CSET: Science respectively. Although candidates who pass Subtests I and II meet the requirements for Foundational-Level Mathematics and Foundational-Level Science authorizations, it is not currently possible to separate out the data for only those candidates who took these subtests for the purposes of obtaining a Foundational-Level Math or Science credential. Examinees for the full mathematics or science authorizations must also pass these two subtests in addition to passing a third subtest.

Table 9B: CSET Mathematics and Science (Subtests I and II) - Total number of examinees, 2003 – 2011

CSET Examination	2003-2011	2010-2011	2009-2010	2008-2009	2007-2008	2006-2007
Mathematics (Subtests I and II)*	14,652	1,446	1,793	1,977	1,900	1,831
General Science (Subtests I and II)*	2,027	745	646	302	96	69

* The numbers for these two subtests incorporate all examinees who took only the respective two subtests and thus they also reflect both individuals seeking a foundational-level credential and those seeking the broader mathematics or science authorization.

Table 10A presents annual passing rates and cumulative passing rates for multiple subjects and the single subjects of Agriculture, Art, Business, English, Health Science, Home Economics, Industrial Technology Education, World Languages, Mathematics, Music, Physical Education, Science, and Social Science.

Table 10A: CSET – Annual and Cumulative Passing Rates, 2003 - 2011

CSET Examination	Annual Passing Rate September 2010 – July 2011			Cumulative Passing Rate September 2003 – July 2011		
	N	N	%	N	N	%
	Attempted	Passed	Passed	Attempted	Passed	Passed
Multiple Subjects	6,767	5,278	78.0	135,453	123,663	91.3
Writing	1,427	1,209	84.7	6,053	5,001	82.6
Single Subjects:						
Agriculture	13	5	38.5	135	67	49.6
Art	172	125	72.7	1,524	1,249	82.0
Business	48	25	52.1	530	291	54.9
English	1,702	1,016	59.7	21,029	16,572	78.8
Health Science	266	170	63.9	2,354	1,746	74.2
Home Economics	34	15	44.1	292	213	72.9

CSET Examination	Annual Passing Rate September 2010 – July 2011			Cumulative Passing Rate September 2003 – July 2011		
	N Attempted	N Passed	% Passed	N Attempted	N Passed	% Passed
Industrial Technology Education	63	50	79.4	340	296	87.1
World Languages:						
American Sign Language	15	5	33.3	130	68	52.3
Arabic	8			20	17	85.0
Armenian	0			11	10	90.9
Cantonese	1			5		
Farsi	1			4		
Filipino	2			41	38	92.7
French	50	42	84.0	499	446	89.4
German	3			72	58	80.6
Hebrew	1			1		
Hmong	1			15	14	93.3
Italian	12	12	100	12	12	100
Japanese	13	8	61.5	131	108	82.4
Khmer	0			1		
Korean	15	11	73.3	98	88	89.8
Mandarin	70	58	82.9	775	724	93.4
Portuguese	1			3		
Punjabi	2			14	7	50.0
Russian	2			40	37	92.5
Spanish	304	244	80.3	3,089	2,688	87.0
Vietnamese	1			32	30	93.8
Mathematics	472	266	56.4	8,258	5,086	61.6
Music	71	61	85.9	769	729	91.6
Physical Education	483	241	49.9	4,303	3,034	70.5
Sciences:						
Biological Sciences	579	423	73.1	8,361	6,659	79.6
Biological Sciences (Specialized)	156	105	67.3	1,867	1,387	74.3
Chemistry	220	172	78.2	3,169	2,564	80.9
Chemistry (Specialized)	114	87	76.3	1,015	885	87.2
Geosciences	138	91	65.9	2,766	2,166	78.3
Geosciences (Specialized)	80	59	73.8	744	619	83.2
Physics	142	84	59.2	1,827	1,210	66.2
Physics (Specialized)	99	66	66.7	654	511	78.1
Social Science	1,531	968	63.2	17,323	13,755	79.4

Note: Pass rates are not reported for exams with fewer than ten candidates

Table 10B shows annual and cumulative passing rates for examinees who took both Subtests I and II for CSET: Mathematics and CSET: Science respectively. Although candidates who pass Subtests I and II meet the requirements for Foundational-Level Mathematics and Foundational-Level Science authorizations, it is not currently possible to separate out the data for only those candidates who took these subtests for the purposes of obtaining a Foundational-Level Math or Science credential. Examinees for the full mathematics or science authorizations must also pass these two subtests in addition to passing a third subtest.

Table 10B: CSET Mathematics and Science (Foundational -Level) – Annual and Cumulative Passing Rates, 2003 - 2011

CSET Examination	Annual Passing Rate September 2010 – July 2011			Cumulative Passing Rate September 2003 – July 2011		
	N Attempted	N Passed	% Passed	N Attempted	N Passed	% Passed
Mathematics (Subtests I and II)*	1,446	578	40.0	14,652	7,152	48.8
General Science (Subtests I and II)*	745	409	54.9	2,027	1,080	53.3

** The numbers for these two subtests incorporate all examinees who took only the respective two subtests and thus they also reflect both individuals seeking a foundational-level credential and those seeking the broader mathematics or science authorization*