

Test Characteristics of the SAT® Subject Tests™



Test	Number of Students		Scaled Score		Number of Questions	Difficulty	Reliability	Completion Rates			
	Mean	SD	Average % Correct	Reliability Coefficient				% Students Completing Test	% Students Completing 3/4	% Questions Reached by 4/5	Avg. % of Questions Not Reached
Literature	13,807-35,016	559-596	107-115	60-61	54-61	0.90-0.92	67-83	96-99	95-100	2-3	
History											
United States	10,799-48,917	527-636	93-112	90	44-64	0.94	77-92	96-99	99-100	1-3	
World History	4,922-14,648	552-618	114-122	95	50-59	0.94-0.95	76-91	98-99	98-100	1-2	
Math Level 1	12,133-25,439	576-606	98-116	50	58-66	0.91-0.92	35-75	97-99	92-98	2-5	
Math Level 2	26,267-59,349	604-662	100-112	50	52-64	0.91-0.93	33-55	97-99	92-96	4-5	
Biology											
Biology EB	4,301-4,994	546-601	103-125	80	54-63	0.92-0.95	60-85	98-99	99-100	2-3	
Biology MB	4,057-6,070	582-664	104-113	80	62-72	0.94-0.95	66-86	98-99	98-100	1-3	
Chemistry	7,460-28,577	606-655	106-118	85	59-66	0.95-0.96	62-78	98-100	96-99	1-2	
Physics	6,407-12,663	634-666	96-109	74-75	55-62	0.93-0.94	66-81	97-99	95-100	2-4	
Chinese with Listening	1,363-2,533	723-746	67-78	85	83-87	0.94-0.95	NA	NA	NA	NA	
Reading		72-75	7-8	30	77-83	0.89-0.92	82-93	99	100	1-2	
Listening		72-74	7-8	30	86-92	0.84-0.90	NA	NA	NA	NA	
Usage		72-75	7-8	25	79-89	0.84-0.86	NA	NA	NA	NA	
French	1,485-2,895	588-610	108-113	85	59-63	0.93-0.94	81-84	100	100	1	
French with Listening	1,372-2,267	595-617	103-110	85-87	61-66	0.93-0.95	NA	NA	NA	NA	
Reading		60-62	10-11	57-59	59-65	0.90-0.93	65-92	99-100	93-100	1-3	
Listening		60-62	10-11	27-28	62-69	0.79-0.86	NA	NA	NA	NA	

Points to Note

- SAT Subject Tests™ are taken by fewer students than those who take the SAT®. SAT Subject Test mean scores tend to be higher than SAT mean scores.
- Difficulty: For most of the SAT Subject Tests, students get about half of the answers right, on average. Therefore, these tests are appropriately difficult for the intended test-taking population.
- Reliability: The data show that, in general, the different SAT Subject Tests are reliable. Students will tend to consistently earn similar scores on repeated testing, provided that no additional learning experience in the subject area has occurred between testings.
- Completion rate: The data indicate that the time limits allocated to each SAT Subject Test are appropriate for the intended test-taking population.
- Speededness data are collapsed for tests with both reading and usage sections.
- For all SAT Subject Tests, data are for the five most recent tests administered (dates may vary). The following samples consist of test-takers with two to four years of study in the language: French, French with Listening, German, German with Listening, Spanish, Spanish with Listening, Italian, Latin and Modern Hebrew (Sunday test-takers).

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German	434-529	554-573	111-126	83-85	61-65	0.94-0.96	55-88	99-100	94-100	1-3
German with Listening	432-535	537-580	103-127	84-85	58-71	0.94-0.95	NA	NA	NA	NA
Reading		54-58	10-13	55-59	55-72	0.91-0.93	68-88	99-100	95-100	1-3
Listening		54-58	10-13	26-29	66-69	0.84-0.88	NA	NA	NA	NA
Modern Hebrew	99-192	573-621	98-119	85	77-83	0.94-0.95	83-88	99-100	100	1
Italian	273-383	606-623	115-119	82	63-69	0.94-0.95	76-93	99-100	99-100	1
Japanese with Listening	209-483	558-619	108-134	80	70-78	0.94-0.95	NA	NA	NA	NA
Reading		56-63	11-13	27	72-82	0.86-0.89	71-84	98-100	96-100	1-2
Listening		56-62	11-14	30	71-78	0.84-0.89	NA	NA	NA	NA
Usage		56-62	11-13	23	63-74	0.81-0.88	NA	NA	NA	NA
Korean with Listening	851-1,642	705-720	75-83	80	83-85	0.93-0.95	NA	NA	NA	NA
Reading		71-72	8	29-31	79-83	0.91-0.92	74-79	97-99	94-98	2-3
Listening		70-72	8-9	26-28	89-93	0.63-0.75	NA	NA	NA	NA
Usage		71-72	8	23-24	80-85	0.81-0.86	NA	NA	NA	NA
Latin	685-2,357	585-630	99-107	70-75	57-66	0.90-0.92	77-90	99-100	99-100	0-2
Spanish	3,369-7,673	604-621	109-116	85	67-72	0.94	77-92	100	99-100	1
Spanish with Listening	2,958-4,302	593-611	105-116	85	70-73	0.93-0.95	NA	NA	NA	NA
Reading		59-61	10-12	55-57	64-71	0.90-0.92	87-93	99-100	100	0-1
Listening		59-61	10-12	28-30	73-81	0.85-0.88	NA	NA	NA	NA

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