

# SAT Subject Tests<sup>™</sup> Test Characteristics

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
Literature	4,977–16,870	554–633	105–127	60	57–70	0.91–0.94	79–92	96–99	98–100	1–3
United States History	2,421–23,680	525–663	90–120	90	50–72	0.93–0.96	68–94	96–100	99–100	0–3
World History	1,937–13,788	590–635	104–120	95	55–64	0.94–0.95	81–87	98–99	100	1–2
Math Level 1	5,998–19,317	572–619	105–124	50	57–67	0.92–0.94	54–75	97–99	94–98	2–4
Math Level 2	20,289–59,292	660–703	89–107	50	66–74	0.90–0.93	51–72	98–100	96–98	2–3
Biology EB	3,851–14,055	588–644	103–114	80	59–67	0.92–0.94	80–95	99–100	99–100	0–1
Biology MB	5,285–18,313	609–675	104–120	80	61–72	0.94–0.95	80–95	99–100	99–100	0–2
Chemistry	8,298–32,640	616–667	98–112	85	58–71	0.95–0.96	76–86	98–100	99–100	1–2
Physics	8,643–12,585	630–681	95–115	75	52–64	0.93–0.95	72–85	96–99	97–100	1–4
Chinese w/Listening	1,526–2,533	729–746	67–83	85	83–86	0.94–0.96	NA	NA	NA	NA
Reading		73–75	7–8	30	79–83	0.88–0.91	72–93	99	98–100	1–2
Listening		73–74	7–8	30	86–91	0.85–0.92	NA	NA	NA	NA
Usage		73–75	7–8	25	77–86	0.84–0.89	NA	NA	NA	NA
French	403–1510	582–620	107–111	85	59–63	0.92–0.94	67–96	99–100	94–100	0–4
French w/Listening	869–1,912	601–628	103–110	85–87	61–69	0.92–0.95	NA	NA	NA	NA
Reading		60–63	10–11	54–59	61–69	0.89–0.93	65–92	99–100	93–100	1–3
Listening		60–63	10–11	27–31	60–70	0.82–0.88	NA	NA	NA	NA
German	310–499	559–581	106–117	85	61–67	0.94–0.96	55–91	99–100	94–100	1–2
German w/Listening	191–452	537–571	101–124	85–86	65–69	0.94	NA	NA	NA	NA
Reading		54–57	10–12	58–61	63–67	0.91–0.92	61–90	99–100	88–100	1–4
Listening		54–57	10–12	25–27	68–73	0.83–0.85	NA	NA	NA	NA
Modern Hebrew	165–247	573–623	108–132	85	77–82	0.94–0.96	82–87	98–100	100	1–2
Italian	235–383	606–641	115–128	81–82	63–70	0.95–0.96	82–93	100	100	0–1

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<b>Japanese w/Listening</b>	209–649	619–690	105–129	79–80	76–86	0.94–0.95	NA	NA	NA	NA
<b>Reading</b>		62–69	11–13	26–27	76–88	0.87–0.90	79–92	98–100	98–100	1–2
<b>Listening</b>		61–69	11–13	30	77–89	0.83–0.89	NA	NA	NA	NA
<b>Usage</b>		62–69	11–13	22–24	73–84	0.86–0.88	NA	NA	NA	NA
<b>Korean w/Listening</b>	355–1,292	718–732	75–95	80	83–87	0.94–0.97	NA	NA	NA	NA
<b>Reading</b>		72–73	7–10	29–31	80–85	0.91–0.94	77–83	97–99	96–100	2–3
<b>Listening</b>		72–74	7–9	25–26	89–93	0.72–0.86	NA	NA	NA	NA
<b>Usage</b>		72–73	8–9	23–26	81–87	0.83–0.90	NA	NA	NA	NA
<b>Latin</b>	423–2,334	593–637	106–120	70–73	62–68	0.93–0.95	69–96	99–100	99–100	0–2
<b>Spanish</b>	1,075–4,644	594–623	95–111	85	67–71	0.93–0.94	79–97	99–100	99–100	0–1
<b>Spanish w/Listening</b>	711–3,494	611–623	101–115	85	72–74	0.93–0.94	NA	NA	NA	NA
<b>Reading</b>		61–62	10–12	53–55	70–74	0.90–0.91	81–95	97–100	100	0–2
<b>Listening</b>		61–62	10–11	30–32	69–77	0.85–0.88	NA	NA	NA	NA

## Points to Note

- SAT Subject Tests<sup>™</sup> are taken by fewer students than those who take the SAT<sup>®</sup>. 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.
- Speediness 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 taker).