SCHOLASTIC ASSESSMENT TEST I (SAT-I) SCORES

UNIVERSITY OF HAWAIʻI AT MĀNOA

FALL 1998

Institutional Research Office

University of Hawaiʻi

February 1999

File Reference: Management and Planning Support Folder, Students

Reports now available online at: http://www.hawaii.edu/iro/maps.htm

SCHOLASTIC ASSESSMENT TEST I (SAT-I) SCORES
UNIVERSITY OF HAWAIʻI AT MĀNOA
FALL 1998

The College Board began administering SAT-I examinations using a newly recentered scale in April 1995. The revised scale returns the mean verbal and math scores to 500, the midpoint on the SAT-I 200-800 point scale. All scores in this Fall 1998 report, including previous years' scores are recentered scores.

This report presents the Scholastic Assessment Test I (SAT-I) scores of first-time freshmen who either entered or applied to the University of Hawaiʻi at Mānoa in the Fall 1998 semester. Table 1 provides historical SAT-I averages for entering Mānoa freshmen and for national and state test-takers. Tables 2 and 3 provide comparative score breakdowns of each test-taking group for the 1998 year. Table 4 highlights the SAT-I scores of Mānoa freshmen by gender and by admission activity.

Table 1 reveals that Mānoa's average math scores began increasing in 1996 after remaining stable for four years and at 570 is at its highest in 11 years. The average verbal scores show increases also; the 1998 score saw a 7 point jump from the previous year and at 527 is the highest score since 1988. The average SAT-I scores of UH Mānoa first-time freshmen have been consistently higher than the average US and Hawaiʻi scores. Their average 1998 verbal score was 527, 22 and 44 points higher than the US and Hawaiʻi scores, respectively. Their average math score was 570, 58 points higher than the US average and 57 points higher than the Hawaiʻi average.

Historically, all three populations have scored higher in the math portion of the exam than in the verbal portion. This trend has continued in 1998, with UH Mānoa first-time freshmen averaging about 40 points more in the math section.

Tables 2 and 3 illustrate the 1998 SAT-I verbal and math distributions and average percentiles of UH Mānoa first-time freshmen. The average percentiles in these tables represent the threshold below which a certain percentage of the total population scored. In Table 2, the 25th verbal percentile for Mānoa freshmen was 480 and indicates that 25 percent of the population scored 480 or less. The 75th verbal percentile was 580. Both percentiles define the lower and upper limits of the "middle 50 percent," or mid-50th percentile range. Mānoa's 25th percentile was 50 points higher than the national average while its 75th percentile was the same. These percentiles suggest a tighter distribution of scores for Mānoa freshmen.

The 25th and 75th math percentiles for Mānoa exceeded the US percentiles by 80 and 40 points, respectively (see Table 3). The margins represent an overall higher distribution of math scores for UH Mānoa students. The Hawaiʻi and US percentile scores were identical.

Table 4 reveals the SAT-I scores of first-time freshmen who applied / were accepted / enrolled at UH Mānoa in the Fall 1998 semester. As in the previous year, the average math and verbal scores of those accepted into the University were higher than scores of those who applied. Those who enrolled generally scored between those who were accepted and those who applied. A comparison of scores based on gender within each category (applied / accepted / enrolled) shows that in almost all instances, men retained equal or higher SAT-I scores in the math section. Scores in the verbal section were practically the same for women and men.

In summary, for first-time freshmen at Mānoa in Fall 1998:

- average math score: 570 (5 point increase over previous year)
- average verbal score: 527 (7 point increase over previous year)
- scores have increased: the average math score is at its highest in 11 years, and the average verbal score is at its second highest.
- verbal and math scores were higher than US and Hawai‘i scores
- math scores were about 40 points higher than their verbal scores
- average scores (of enrolled applicants) were between those who were accepted and those who applied
- men had equal or higher math scores than women

University of Hawai‘i at Mānoa - Fall 1988 to Fall 1998

Figure 1
Average SAT-I Verbal

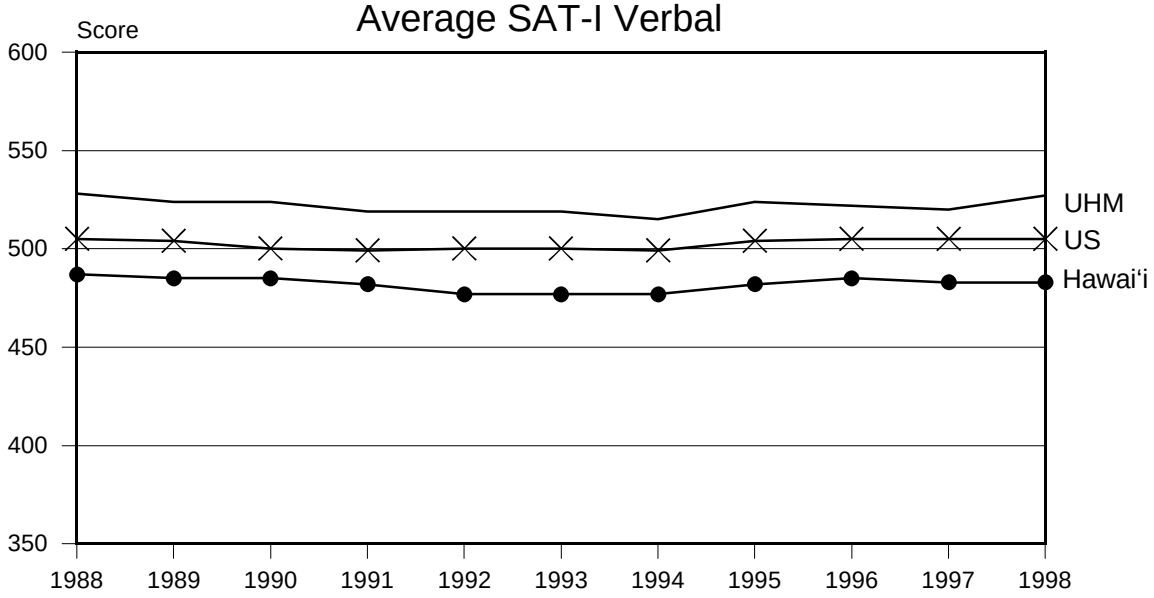
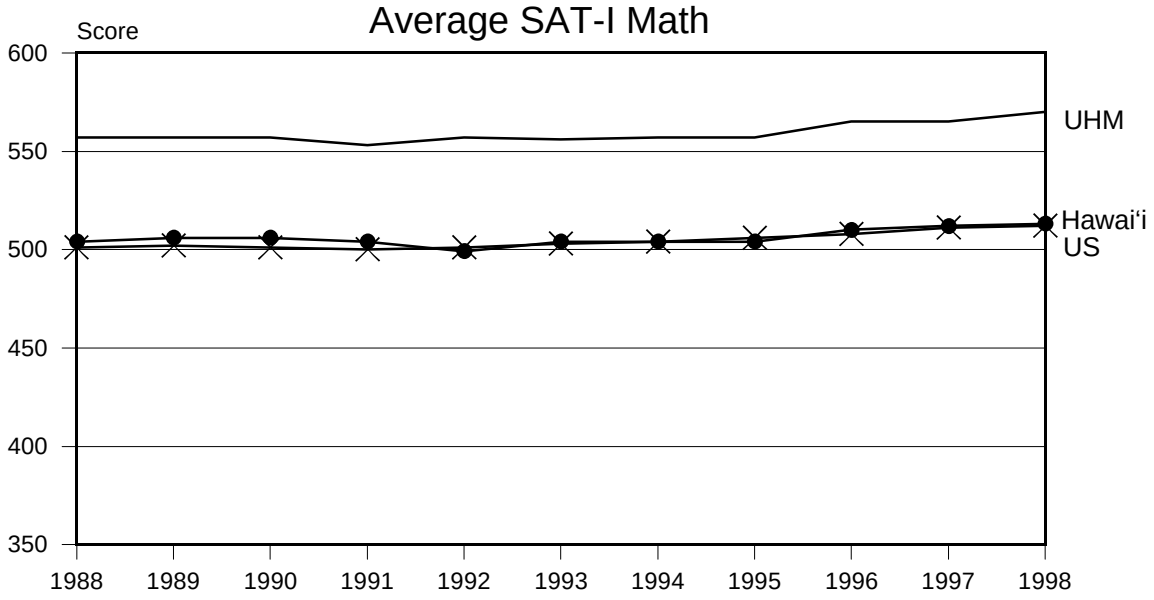


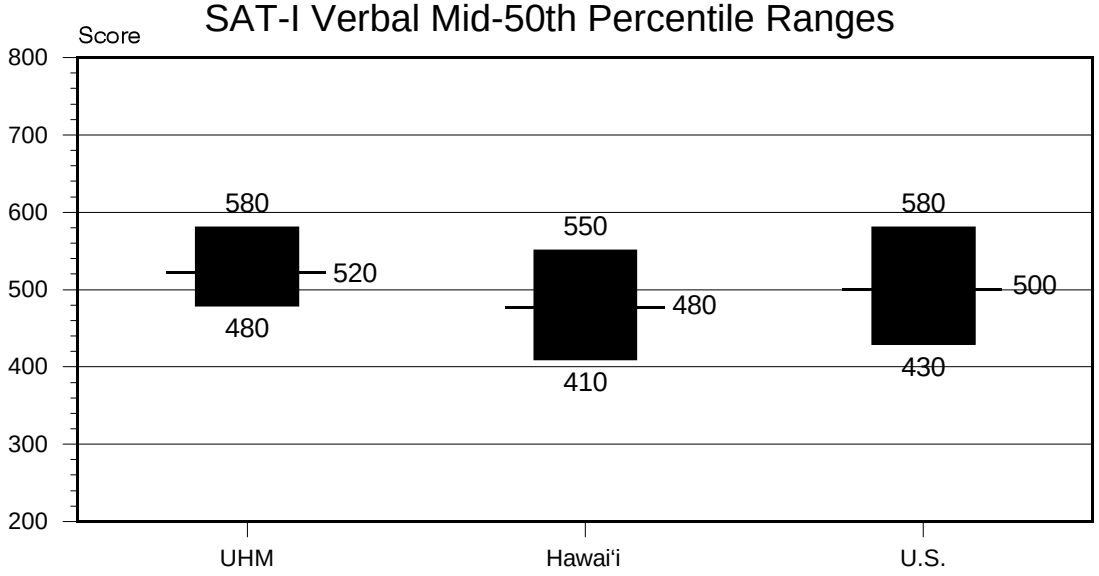
Figure 2
Average SAT-I Math



UHM = First-time freshmen entering the fall semester
Hawai‘i = Hawai‘i test takers
US = US test takers

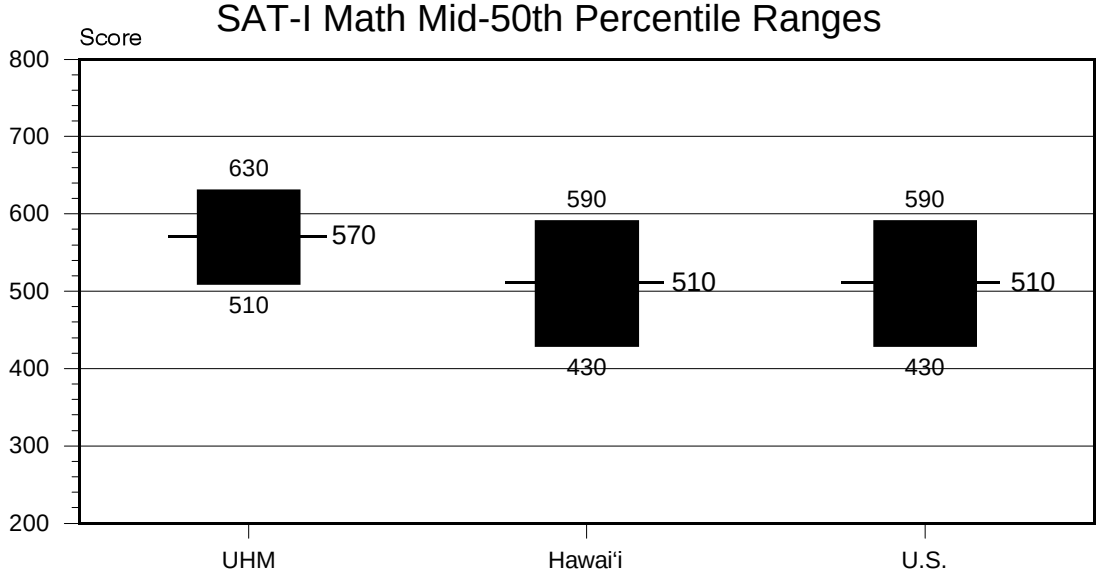
Note: All scores are recentered scores.

Figure 3
SAT-I Verbal Mid-50th Percentile Ranges



	UHM	Hawai‘i	U.S.
Verbal 25-75th	480-580	410-550	430-580
Math 25-75th	510-630	430-590	430-590

Figure 4
SAT-I Math Mid-50th Percentile Ranges



Notes: - Lines represent 50th percentile scores.

- All scores are recentered scores.

TABLE 1
AVERAGE SCHOLASTIC ASSESSMENT TEST I (SAT-I) SCORES
(RECENTERED SCALE)
1988 TO 1998

Year	VERBAL			MATH		
	UHM 1/	Hawai‘i 2/	US 3/	UHM	Hawai‘i	US
1988	528	487	505	557	504	501
1989	524	485	504	557	506	502
1990	524	485	500	557	506	501
1991	519	482	499	553	504	500
1992	519	477	500	557	499	501
1993	519	477	500	556	504	503
1994	515	477	499	557	504	504
1995	524	482	504	557	504	506
1996	522	485	505	565	510	508
1997	520	483	505	565	512	511
1998	527	483	505	570	513	512

Note: All scores are recentered scores.

1/ UHM: First-time freshmen entering the fall semester at the University of Hawai‘i at Manoa.
2/ Hawai‘i: Hawai‘i test takers
3/ US: US test takers

Sources: UH Coordinated Admissions Program Information System (CAPIS) Reports CAP 33M and CAP 33V, Profile of SAT Program Test Takers: Hawai‘i Report (The College Board), and the College Board Online Internet site.

TABLE 2
SCHOLASTIC ASSESSMENT TEST I (SAT-I) SCORES
(RECENTERED SCALE)
1998 VERBAL PROFILES

SAT Score	VERBAL					
	UHM 1/		Hawai'i 2/		US 3/	
	No.	V%	No.	V%	No.	V%
750-800	6	0.4	85	1.2	19,778	1.7
700-740	18	1.3	151	2.1	34,235	2.9
650-690	61	4.4	288	4.0	70,054	6.0
600-640	155	11.3	585	8.1	122,075	10.4
550-590	284	20.7	874	12.0	166,581	14.2
500-540	376	27.4	1,257	17.3	209,859	17.9
450-490	293	21.3	1,365	18.8	207,101	17.7
400-440	149	10.9	1,082	14.9	154,777	13.2
350-390	24	1.7	857	11.8	103,556	8.8
300-340	6	0.4	428	5.9	50,669	4.3
250-290	1	0.1	196	2.7	21,680	1.8
200-240	0	0.0	94	1.3	12,414	1.1
Number	1,373		7,262		1,172,779	
Average Score	527		483		505	
25th Percentile	480		410		430	
50th Percentile	520		480		500	
75th Percentile	580		550		580	
Mid-50th Percentile ..... Range 4/	480-580		410-550		430-580	

Notes: - Percentile describes the score below which a given percentage of the total number of scores occurred. For example, 25% of the students at UHM scored 480 or less in the verbal section, 25% of the Hawai'i test takers scored 410 or less, and 25% of the US test takers scored 430 or less.

- All scores are recentered.

1/ UHM: First-time freshmen entering the Fall 1998 semester at the University of Hawai'i at Manoa.
2/ Hawai'i: 1998 Hawai'i test takers
3/ US: 1998 US test takers
4/ Range of scores from the 25th to 75th percentile, respectively.

Sources: UH Coordinated Admissions Program Information System (CAPIS) Report CAP33V, Profile of SAT Program Test Takers: Hawai'i Report (The College Board), and the College Board Online Internet site.

TABLE 3
SCHOLASTIC ASSESSMENT TEST I (SAT-I) SCORES
(RECENTERED SCALE)
1998 MATH PROFILES

SAT Score	MATH					
	UHM 1/		Hawai'i 2/		US 3/	
	No.	V%	No.	V%	No.	V%
750-800	24	1.7	159	2.2	20,556	1.8
700-740	68	5.0	273	3.8	44,691	3.8
650-690	166	12.1	526	7.2	83,461	7.1
600-640	249	18.1	809	11.1	128,986	11.0
550-590	323	23.5	1,072	14.8	170,403	14.5
500-540	283	20.6	1,124	15.5	194,079	16.5
450-490	181	13.2	1,202	16.6	194,644	16.6
400-440	73	5.3	933	12.8	155,619	13.3
350-390	6	0.4	698	9.6	104,031	8.9
300-340	0	0.0	303	4.2	48,061	4.1
250-290	0	0.0	120	1.7	20,374	1.7
200-240	0	0.0	43	0.6	7,874	0.7
Number	1,373		7,262		1,172,779	
Average Score	570		513		512	
25th Percentile	510		430		430	
50th Percentile	570		510		510	
75th Percentile	630		590		590	
Mid-50th Percentile .... Range 4/	510-630		430-590		430-590	

Notes: - Percentile describes the score below which a given percentage of the total number of scores occurred. For example, 50% of the students at UHM scored 570 or less in the math section, 50% of the Hawai'i test takers scored 510 or less, and 50% of the US test takers scored 510 or less.

- All scores are recentered.

1/ UHM: First-time freshmen entering the Fall 1998 semester at the University of Hawai'i at Manoa.
2/ Hawai'i: 1998 Hawai'i test takers
3/ US: 1998 US test takers
4/ Range of scores from the 25th to 75th percentile, respectively.

Sources: UH Coordinated Admissions Program Information System (CAPIS) Report CAP33V, Profile of SAT Program Test Takers: Hawai'i Report (The College Board), and the College Board Online Internet site.

TABLE 4
SCHOLASTIC ASSESSMENT TEST I (SAT-I) SCORES OF FIRST-TIME FRESHMEN
(RECENTERED SCALE)
UNIVERSITY OF HAWAI'I AT MANOA
FALL 1998

	APPLIED			ACCEPTED			ENROLLED		
	Men	Women	Total	Men	Women	Total	Men	Women	Total
VERBAL:									
25th Percentile Score	490	470	450	480	480	480	480	470	480
50th Percentile Score	510	510	510	540	530	540	530	520	520
75th Percentile Score	580	570	580	590	590	590	580	570	580
Average Score	514	514	514	541	541	541	529	526	527
Mid-50th Percentile Range 1/	490-580	470-570	450-580	480-590	480-590	480-590	480-580	470-570	480-580
MATH:									
25th Percentile Score	490	470	480	540	510	520	530	500	510
50th Percentile Score	570	540	550	600	570	580	580	550	570
75th Percentile Score	630	610	620	660	630	640	640	620	630
Average Score	565	540	551	600	572	583	585	559	570
Mid-50th Percentile Range 1/	490-630	470-610	480-620	540-660	510-630	520-640	530-640	500-620	510-630

Notes: - Percentile describes the score below which a given percentage of the total number of scores occurred. For example, in Fall 1998, in the math section, 50% of the total students who applied to the University of Hawai'i at Manoa scored 550 or less, 50% of the students accepted scored 580 or less, and 50% of the students enrolled scored 570 or less.

- All scores are recentered

1/ Range of scores from the 25th to 75th percentile, respectively.

Source: UH Coordinated Admissions Program Information System (CAPIS) Reports CAP33M and CAP33V.