Section 8

ELECTIONS

This section presents data on election districts, registered voters, votes cast, campaign expenditures, elected officials, and legislative activity.

About 464,500 persons were registered to vote in the general election of November 3, 1992, and almost 383,000 actually voted. The number voting amounted to 51 percent of the 747,000 Hawaii residents eligible to vote at that time. The latter figure excluded around 142,000 aliens, inmates of mental and penal institutions, and non-resident members of the armed forces and their dependents, groups that are ineligible or to vote in Island elections. Among registered voters, females outnumbered males and Democrats were far more numerous than Republicans. Campaign expenditures for the 1990 primary, general, and supplemental elections (other than for federal offices) came to \$14 million.

Hawaii has 2 Congressional, 25 Senatorial, 51 Representative, and 18 Councilmanic districts. It also contains 16 soil and water conservation districts, 30 active Neighborhood Board districts, and 317 election precincts.

Elected officials in Hawaii include the President and Vice President, two U.S. Senators, two U.S. Representatives, the Governor and Lieutenant Governor, 25 State Senators, 51 State Representatives, and various county officials. Persons of Hawaiian blood also vote for the Board of Trustees of the Office of Hawaiian Affairs. The minimum voting age is 18 years.

The 1993 State Legislature, with 76 members, included 69 Democrats and 7 Republicans.

In its 1993 regular session, the State Legislature considered 4,086 bills; 337 were passed and 319 became law. The Legislature also offered 1,448 resolutions, of which 318 were adopted.

The official results of primary, general, and special elections are published by the Office of the Lieutenant Governor. Additional information is often available from the various county clerks. Earlier figures for Hawaii appear in *Historical Statistics of Hawaii*, Section 24. National statistics appear in the *Statistical Abstract of the United States: 1993*, Section 8.

Table 8.1-- ELECTION DISTRICTS AND POPULARLY ELECTED OFFICIALS: NOVEMBER 1990 AND 1992

	Election districts		Officials to be elected <u>1</u> /		Total elected officials, including holdover	
Office	1990	1992	1990	1992	1990	1992
Federal offices:						
President and Vice President			-	2	2	2
U.S. Senate			-	1	2	2
U.S. House of Representatives	2	2	2	2	2	2
State offices:						
Governor and Lt. Governor			2	-	2	2
State Senate	25	25	12	13	25	25
State House of Representatives	51	51	51	51	51	51
Board of Education	2	2	6	7	13	13
Office of Hawaiian Affairs			5	4	9	9
Soil and water conservation dist. 2/	16	16			48	48
County offices:	1					:
Mayor			3	2	4	4
Council:						
Hawaii		9	2	9	9	9
Maui			9	9	9	9
Honolulu	9	9	9	-	9	9
Kauai			7	7	7	7
Prosecuting Attorney			-	3	3	3
Neighborhood Boards 3/	30	30	-	-	438	438
Precincts	292	317	-	-	-	-

^{1/} Including vacancies to be filled.

^{2/} Three seats are elected and two are appointed for each district. Elections are an ongoing process.

^{3/} Elections are conducted every other year in odd-numbered years.

Source: Office of the Lieutenant Governor, *Manual for Candidates, 1990 Elections, State of Hawaii*, pp. 4-5, and records; Hawaii State Department of Land and Natural Resources, Division of Water Resource Management, records; Honolulu Neighborhood Commission, records.

Table 8.2-- POPULARLY ELECTED OFFICIALS OF STATE AND LOCAL GOVERNMENTS: 1967 TO 1987

	Elected St	ate and local			
Year	Number	Rank <u>1</u> /	Rate <u>2</u> /	Elected State officials	Elected local officials
1967 1977 1987	184 172 160	50 50 50	2.5 1.9 1.5	89 87 91	95 85 69

^{1/} Among the 50 States.

Source: U.S. Bureau of the Census, 1987 Census of Governments, Vol. 1, Government Organization, No. 2, Popularly Elected Officials, GC87(1)-2, January 1990, table 2.

Table 8.3-- POPULATION OF VOTING AGE AND PERCENT VOTING: 1980 TO 1994

Subject	1980	1982	1984	1986	1988	1990	1992	1994
Persons of voting age <u>1</u> / (1,000) Percent casting votes for	697	728	751	776	804	841	866	900
Presidential electors	43.5	(X)	44.7	(X)	44.1	(X)	43.1	(X)
U.S. Representatives	40.2	40.9	36.7	42.7	42.3	40.5	41.4	(NA)

X Not applicable.

NA Not available.

1/ Resident population 18 years and over, including armed forces stationed in Hawaii. November estimates. Source: U.S. Bureau of the Census, "Projections of the Population of Voting Age, for States: November 1988," Current Population Reports, Series P-25, No. 1019, January 1988, "Projections of the Voting-Age Population, for States: November 1990," Current Population Reports, Series P-25, No. 1059, April 1990, and "Projections of the Voting-Age Population, Population for States: November 1992," Current Population Reports, Series P-25, No. 1085, April 1992, pp. 6 and 12; Statistical Abstract of the United States: 1993, p. 285; U.S. Bureau of the Census, "Projections of the Voting-Age Population, for States: November 1994," Current Population Reports, P25-1117, May 1994, pp. 9 and 18; DBEDT, Data Book 1992, table 265.

^{2/} Per 10,000 population. In 1987, Hawaii ranked 50th among the 50 States in this rate.

Table 8.4-- REPORTED VOTING AND REGISTRATION, BY SEX: NOVEMBER 1992

[Civilian noninstitutional population of voting age]

		Total registered			Total voted			
Sex	All persons (1,000)	Number (1,000)	Percent	Standard error	Number (1,000)	Percent	Standard error	
Both sexes. Male Female	813 381 431	493 222 271	<u>1</u> / 60.6 58.2 62.7	1.76 2.60 2.39	449 205 244	<u>2</u> / 55.2 53.7 56.6	1.79 2.63 2.45	

^{1/} The U.S. percentage was 68.2. Hawaii ranked 49th among the 50 States.

Source: U.S. Bureau of the Census, "Voting and Registration in the Election of November 1992," *Current Population Reports, Population Characteristics*, P20-466, April 1993, table 4.

Table 8.5-- POPULATION OF VOTING AGE, ELIGIBLE VOTERS, REGISTERED VOTERS, AND VOTES CAST: NOVEMBER 1992

Subject	Number
Population 18 years and over (1,000)	889
Less: Nonresident armed forces and dependents (1,000)	76
Aliens and other ineligible adult civilians (1,000)	66
Eligible to vote (1,000)	747
Registered voters (1,000)	464
Percent of persons eligible	62.1
Votes cast (1,000)	383
Percent of persons eligible	51.3

Source: U.S. Bureau of the Census estimate of population 18 and over; DBED estimates of ineligible adult civilians; Office of the Lieutenant Governor, 1992 election results.

^{2/} The U.S. percentage was 61.3. Hawaii ranked 48th among the 50 States.

Table 8.6-- REGISTERED VOTERS AND VOTES CAST IN PRIMARY AND GENERAL ELECTIONS: 1972 TO 1992

	R	egistered vote	Votes cast		
Type and date of election	Both sexes	Male	Female	Number	Percent of reg. voters
Primary elections:					
•	000 000	(3.14.)	(814)		
1972: Oct. 7	326,906	(NA)	(NA)	203,160	62.1
1974: Oct. 5	333,527	(NA)	(NA)	235,982	70.8
1976: Oct. 2	353,249	175,276	177,973	251,457	71.2
1978: Oct. 7	387,673	190,796	196,877	289,029	74.6
1980: Sept. 20	384,858	186,982	197,876	264,041	68.6
1982: Sept. 18 1984: Sept. 22	385,307 398,858	185,763 190,525	199,544 208,333	272,691 221,957	70.8 55.6
1986: Sept. 20	398,030	189,655	208,542	281,352	70.7
1988: Sept. 17 <u>1</u> /.	419,441	199,643	220,225	275,673	65.7
1990: Sept. 17 <u>1</u> 7.	436,323	207,897	228,426	276,407	63.3
1992: Sept. 19	432,723	206,642	226,081	251,582	58.1
General elections:					
1972: Nov. 7	337,837	169,896	167.041	286,593	84.8
1974: Nov. 5	343,404	171,072	167,941 172,332	272,545	79.4
1974: Nov. 5	363,045	180,265	172,332	309,025	85.1
1978: Nov. 7	395,262	194,412	200,850	292,690	74.0
1980: Nov. 4	402,795	195,804	206,991	318,026	79.0
1982: Nov. 2	405,005	195,259	209,746	325,459	80.4
1984: Nov. 6	418,904	200,424	218,480	349,253	83.4
1986: Nov. 4	419,794	200,233	219,561	344,416	82.0
1988: Nov. 8	443,742	211,539	232,203	368,567	83.0
1990: Nov. 6	453,389	216,433	236,956	354,144	78.1
1992: Nov. 3 <u>2</u> /	464,495	222,721	241,774	382,882	82.4

NA Not available.

Source: Office of the Lieutenant Government, Result of Votes Cast for each election, and records.

^{1/} Distribution by sex as of September 1, 1988, 16 days before the election.

^{2/} Corrected from Data Book 1992, table 258.

Table 8.7-- REGISTERED VOTERS AND VOTES CAST IN PRIMARY AND GENERAL ELECTIONS, BY COUNTIES: 1992

[Excludes persons registered for only the Office of Hawaiian Affairs election but not for the regular primary or general elections]

	Registered voters			Votes	ast <u>1</u> /
Election and county	Both sexes	Male	Female	Number	Percent of reg. voters
PRIMARY ELECTION					
State total	432,723	206,642	226,081	251,582	58.1
Hawaii Maui Honolulu Kauai Overseas GENERAL ELECTION	58,331 43,464 304,539 26,389	28,104 20,938 144,793 12,807	30,227 22,526 159,746 13,582	41,296 24,251 172,046 13,983 6	70.8 55.8 56.5 53.0
State total	464,495	222,721	241,774	382,882	82.4
Hawaii Maui Honolulu Kauai Overseas	62,023 47,238 328,463 26,771	30,004 22,866 156,843 13,008	32,019 24,372 171,620 13,763	52,529 38,408 271,992 19,864 89	84.7 81.3 82.8 74.2

^{1/} Corrected from Data Book 1992, table 259.

Source: Office of the Lieutenant Governor, Results of Votes Cast... 1992, and records.

Table 8.8-- VOTES CAST FOR CANDIDATES FOR MAJOR OFFICES: PRIMARY ELECTION, SEPTEMBER 19, 1992

Office, party, and candidate	Votes	Office, party, and candidates	Votes
U.S. SENATE		U.S. HOUSE, DIST. 2 Con.	
Democrat: Inouye, D Nishiki, W.	141,273 44,505	Republican: Price, K Heim, B Gregory, S	5,175 5,124 3,015
Republican: Reed, R. Hustace, M. James, J.	33,250 9,348 2,250	Deluze, J Pillos, J	2,341
Libertarian: Rowland, R	1,231	Mallan, L Non-partisan: Brayce, C	540 258
Green: Martin, L	1,800	Ebel, B Tataii, S	214 138
Non-partisan: Hopkins, B	1,133	CITY & CO. OF HONOLULU MAYOR Democrat:	
U.S. HOUSE, DIST. 1		O'Connor, D	58,279 45,204
Democrat: Abercrombie, N	70,676	Kaapu, K Souza, J Ojerio, M	7,183 1,872 1,519
Republican: Sutton, WRees, N.	12,911 9,321	Republican: Fasi, FAnderson, W	22,123 10,481
Libertarian: Johnson, R	544	Hansen-Young, D Hirayasu, C	6,236 656
Non-partisan: Devries, C	492	Libertarian: Schweigert, J	728
U.S. HOUSE, DIST. 2		Non-partisan: Brewer, J	477
Democrat: Mink, P Bourgoin, D	80,570 16,441	Camara, P Miracle, H	272 175

Continued on next page.

Table 8.8-- VOTES CAST FOR CANDIDATES FOR MAJOR OFFICES: PRIMARY ELECTION, SEPTEMBER 19, 1992 -- Con.

Office, party, and candidate	Votes	Office, party, and candidates	Votes
HAWAII COUNTY MAYOR		HAWAII COUNTY MAYOR Con.	
Democrat:		Green:	
Yamashiro, S	14,936	Davis, J	340
Inouye, L	11,065		
Kokubun, R	10,137	Non-partisan:	
		Mahoney, P	89
Republican:		Cosmo	32
Kaehuaea, W	1,158	Nesting, A	32
Begin, J	1,038	-	
Libertarian:			
Anderson, A	162		

Source: Office of the Lieutenant Governor, 1992 Primary and General Summary Reports.

Table 8.9-- PARTY OF VOTES IN PRIMARY ELECTION, BY COUNTIES: SEPTEMBER 19, 1992

Party	State total	Hawaii County	Maui County	City and County of Honolulu	Kauai County
Total votes cast	251,576	41,296	24,251	172,046	13,983
Democratic Green Libertarian Republican Non-partisan	194,945 2,319 1,971 49,379 1,815 1,147	37,134 474 308 3,037 229 114	19,342 284 174 4,171 136 144	125,649 1,462 1,399 41,359 1,383 794	12,820 99 90 812 67 95

Source: Office of the Lieutenant Governor, records.

Table 8.10-- NUMBER OF PRECINCTS, REGISTERED VOTERS, AND VOTES CAST, BY ISLANDS: NOVEMBER 3, 1992

Island	Number of precincts	Registered voters	Votes cast
State total	317	464,495	382,882
Hawaii Maui	53 34	62,023 43.038	52,529 35,630
Lanai	1	1,096	872
Molokai: Molokai District	4	3,015	1,835
Kalawao District	1	89	71
Oahu <u>1</u> /	206	328,463	272,081
Kauai	17	26,648	19,760
Niihau	1	123	104

^{1/} Including the Northwestern Hawaiian Islands, part of the 6th Precinct of the 51st Representative District, in Waimanalo, Oahu.

Source: Office of the Lieutenant Governor, records.

Table 8.11-- AGE AND SEX OF REGISTERED VOTERS: NOVEMBER 3, 1992

Age	Both sexes	Male	Female
All ages	464,495	222,721	241,774
18 or 19 years	10,970	5,042	5,928
20 to 29 years	68,408	31,534	36,874
30 to 39 years	99,333	46,582	52,751
40 to 49 years	101,271	49,079	52,192
50 to 64 years	95,592	45,862	49,730
65 years and over	88,905	44,621	44,284
Not reported	16	1	15

Source: Office of the Lieutenant Governor, records.

Table 8.12-- VOTES CAST FOR MAJOR OFFICES: GENERAL ELECTIONS, 1982 TO 1992

		Democrat		Republi	can	
Office and election year	Total votes cast	Candidate	Votes	Candidate	Votes	Other parties: votes
PRESIDENT						
1984 1988 1992	335,846 354,461 372,842	Mondale Dukakis Clinton	147,154 192,364 179,310	Reagan Bush Bush	185,050 158,625 136,822	3,642 3,472 56,710
U.S. SENATOR						
1982 1986 1988 1990 1992	306,410 328,797 323,876 349,666 363,662	Matsunaga Inouye, D. Matsunaga Akaka Inouye	245,386 241,887 247,941 188,901 208,266	Brown Hutchinson Hustace Saiki Reed	52,071 86,910 66,987 155,978 97,928	8,953 - 8,948 4,787 57,468
REPRESENTATIVE TO CONGRESS, DISTRICT 1						
1982 1984 1986 <u>1</u> / 1988 1990 1992	149,907 138,865 168,377 177,020 162,711 177,476	Heftel Heftel Hannemann Bitterman . Abercrombie Abercrombie	134,779 114,884 63,061 76,394 97,622 129,332	None Beard Saiki Saiki Liu Sutton	20,608 99,683 96,848 62,982 41,575	15,128 3,373 5,633 3,778 2,107 6,569
REPRESENTATIVE TO CONGRESS, DISTRICT 2						
1982 1984 1986 1988 1990 1992	148,008 136,741 162,819 162,808 178,288 180,955	Akaka Akaka Akaka Akaka Mink	132,072 112,377 123,830 144,802 118,155 131,454	None Shipley Hustace None Poepoe Price	20,000 35,371 - 54,625 40,070	15,936 4,364 3,618 18,006 5,508 9,431

Continued on next page.

Table 8.12-- VOTES CAST FOR MAJOR OFFICES: GENERAL ELECTIONS, 1982 TO 1992 -- Con.

		Democrat		Republi		
Office and election year	Total votes cast	Candidate	Votes	Candidate	Votes	Other parties: votes
GOVERNOR						
1982 1986 1990	315,853 334,115 340,132	Ariyoshi Waihee Waihee	141,043 173,655 203,491	Anderson, D. Anderson, D. Hemmings.	81,507 160,460 131,310	89,303 - 5,331
MAYOR OF HONOLULU						
1984 1988 1992	253,853 263,882 263,328	Anderson, E. Bornhorst O'Connor	117,841 117,479 124,719	Fasi Fasi Fasi	132,875 146,403 127,939	3,137 - 10,670

^{1/} For special election to fill unexpired term of Rep. Heftel, Sept. 20, 1986, see *Data Book 1987*, table 280.

Table 8.13-- REGISTERED VOTERS AND VOTES CAST FOR THE BOARD OF TRUSTEES OF THE OFFICE OF HAWAIIAN AFFAIRS, BY COUNTIES: NOVEMBER 1992

	Re	gistered vot	Votes cast		
County	Both sexes	Male	Female	Number	Percent of reg. voters
State total	68,122	30,526	37,596	51,029	74.9
Hawaii Maui Honolulu Kauai	11,142 7,344 45,631 4,005	5,029 3,307 20,309 1,881	6,113 4,037 25,322 2,124	8,726 5,521 34,237 2,545	78.3 75.2 75.0 63.5

Source: Office of the Lieutenant Governor, records.

Source: Office of the Lieutenant Governor, Results of Votes Cast, General Election, State of Hawaii for 1980-1990, and records.

Table 8.14-- VOTES CAST FOR MAJOR OFFICES, BY COUNTIES: GENERAL ELECTION, 1992

Office, candidate and party <u>1</u> /	State total	County of Hawaii	County of Maui	City and County of Honolulu	County of Kauai
PRESIDENT/ VICE PRESIDENT					
Clinton/Gore (D)	179,310 136,822 53,003 1,452 1,119 720 416	25,725 15,460 8,889 404 233 119 86	18,962 11,151 6,630 125 104 80 73	123,908 103,937 35,728 850 706 472 240	10,715 6,274 1,756 94 55 49
U. S. SENATOR					
Inouye, D. (D) Reed, R. (R) Martin, L. (G) Rowland, R. (L)	208,266 97,928 49,921 7,547	27,461 15,130 6,715 925	18,761 12,646 4,406 609	148,831 66,094 37,722 5,760	13,213 4,058 1,078 253
U.S. HOUSE, DIST. 1					
Abercrombie, N. (D) Sutton, W. (R) Johnson, R. (L)	129,332 41,575 6,569	- - -	- - -	129,332 41,575 6,569	- - -
U.S. HOUSE, DIST. 2					
Mink P. (D) Price, K. (R) Mallan, L. (L)	131,454 40,070 9,431	35,697 10,783 2,799	26,011 7,423 1,828	54,943 19,264 4,167	14,803 2,600 637
MAYOR OF HAWAII					
Yamashiro, S. (D) Davis, J. (G) Kaehuaea, W. (R) Anderson, A. (L)	27,787 14,117 6,971 1,396	27,787 14,117 6,971 1,396	- - -	- - -	- - -

Continued on next page.

Table 8.14-- VOTES CAST FOR MAJOR OFFICES, BY COUNTIES: GENERAL ELECTION, 1992 -- Con.

Office, candidate and party <u>1</u> /	State total	County of Hawaii	County of Maui	City and County of Honolulu	County of Kauai
MAYOR OF HONOLULU					
Fasi, F. (R)	127,939	-	-	127,939	-
O'Connor, D. (D) Schweigert, J. (L)	124,719 10,670	-	-	124,719 10,670	- -

^{1/} D, Democrat; G, Hawaii Green; L, Libertarian; N, Nonpartisan; NA, New Alliance; NL, Natural Law; R, Republican.

Source: Office of the Lieutenant Governor, 1992 Primary and General Summary Reports.

Table 8.15-- CAMPAIGN EXPENDITURES: 1992 ELECTIONS

[Dollars. Table excludes national races]

Election and office	All candidates	Democrats	Republicans	All others
Total	10,621,835	7,121,201	3,258,744	241,890
Election: PrimaryGeneralSupplemental	5,541,266 4,357,777 722,792	4,452,337 2,065,221 603,643	1,027,952 2,126,734 104,058	60,978 165,821 15,091
Office: State Senator State Representative Mayor Council member Board of Education Office of Haw'n Affairs	1,695,057 2,704,456 4,600,915 1,477,081 43,935 100,392	1,371,720 2,219,566 2,286,098 1,243,817 -	307,166 459,120 2,281,408 211,050	16,171 25,770 33,408 22,214 43,935 100,392

Source: Hawaii State Campaign Spending Commission, Commission's Report of Campaign Receipts and Expenditures for the 1992 Elections, p. 3.

Table 8.16-- NEIGHBORHOOD BOARD ELECTIONS, FOR OAHU: 1983 TO 1993

	Number o	f boards				
Year	In operation, Dec. 31	Holding elections	Board seats elected	Ballots mailed	Voters (ballots cast)	
1983	28	28	416	231,622	61,425	
1985	30	30	438	255,045	74,583	
1987	30	30	438	260,155	83,072	
1989	30	30	438	273,954	91,285	
1991	30	30	438	260,923	85,457	
1993	30	30	444	279,392	97,476	

Source: Neighborhood Commission, City and County of Honolulu, records.

Table 8.17-- PARTY MEMBERSHIP OF COUNTY COUNCILS: 1991 AND 1993

[As of January]

		Democrats		Republicans		Hawaii Green	
County	Total seats	1991	1993	1991	1993	1991	1993
All counties	34	32	30	2	3	_	1
Hawaii Maui Honolulu Kauai	9 9 9 7	9 8 8 7	6 9 8 7	- 1 1 -	2 - 1 -	- - -	1 - -

Source: Legislative Reference Bureau, State of Hawaii, *Directory of State, County and Federal Officials* (February 1, 1991) and records.

Table 8.18-- LENGTH OF LEGISLATIVE SESSIONS: 1988 TO 1993

	Regular	sessions	Special sessions		
Year	Date convened	Length <u>1</u> /	Date convened	Length <u>1</u> /	
1988	Jan. 20	99	May 20	4	
1989	Jan. 18	99	None	-	
1990	Jan. 17	108	None	_	
1991	Jan. 16	111	June 24	5	
1992	Jan. 15	107	None	_	
1993	Jan. 20	104	Aug. 23	21	

^{1/} Calendar days, including Saturdays, Sundays, holidays, and mandatory five-day recess required by Art. III, sec. 10, of the Hawaii Constitution.

Source: Legislative Reference Bureau, records.

Table 8.19-- PARTY MEMBERSHIP OF THE STATE LEGISLATURE: 1983 TO 1993

An	Но	ouse of Re	presentati	ves	Senate				
Regular session	Total	Demo- crats	Repub- licans	Other	Total	Demo- crats	Repub- licans	Other	
1983	51	43	8	_	25	20	5	-	
1985	51	40	11	-	25	21	4	_	
1987	51	40	11	-	25	20	5	-	
1989	51	45	6	-	25	22	3	-	
1991	51	45	6	-	25	22	3	-	
1993	51	47	4	-	25	22	3	-	

Source: Session Laws of Hawaii, 1983-1991; President of the Senate; Speaker of the House of Representatives.

Table 8.20-- LEGISLATIVE BILLS AND RESOLUTIONS, BY DISPOSITION: 1992 AND 1993

		19	93
Action	1992: Regular	Regular	Special
House bills:			
Carried over from previous year	2,040	-	-
Introduced	1,684	2,158	10
Passed 1/	221	204	7
Vetoed	24	10	0
Became law <u>2</u> /	195	194	7
Senate bills:			
Carried over from previous year	1,973	-	_
Introduced	1,287	1,928	5
Passed 1/	143	133	1
Vetoed	13	8	0
Became law <u>2</u> /	128	125	1
House resolutions:			
Offered	491	461	8
Adopted	266	122	7
House concurrent resolutions:			
Offered	466	489	1
Adopted	106	62	0
Senate resolutions:			
Offered	220	238	5
Adopted	87	117	3
Senate concurrent resolutions:			
Offered	256	260	1
Adopted	60	17	0

^{1/} Includes bills for constitution amendments: H.B. 2123, H.B. 2322, H.B. 2327, S.B. 1440, and S.B. 2234 in 1992.

Source: Legislative Reference Bureau, records.

^{2/} The 1992 total includes H.B. 2123, which contains a constitutional amendment.

^{3/} Includes bills which contained a vetoed item: S.B 3278 in 1992.