

ACDP 1999 Survey Results

Association of Chairs of Departments of Physiology 1999 Survey Results

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The Association of Chairs of Departments of Physiology annual survey was mailed to 157 physiology departments throughout the US, Canada, and Puerto Rico. A total of 99 surveys were returned, for a response rate of 63%. This rate is only slightly

higher than the 1998 survey (60%). Of the 99 surveys returned, there were 65 public and 34 private medical schools, including four non-medical (which are public veterinarian schools).

The data provide the reader with general trends of faculty, salary, overall

departmental budgets, and space available for research. Faculty salary information (Tables 1-3) is derived from the total compensation column, which includes any supplementary income but not fringe benefits. In addition to salary

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Table 1. Faculty Salaries for Fiscal Year 1999

	Mean	% Change From Previous Survey	Minimum	Maximum	No. of Faculty
Chairmen					
All schools	\$156,071	5.2	\$48,955	\$251,000	91
Medical public	153,760	4.4	48,955	251,000	58
Medical private	160,692	0.3	71,000	235,307	30
Nonmedical	112,775	-16.3	91,027	134,700	3
Female	132,523	1.6	102,443	162,603	2
Professors					
All schools	100,200	0.5	36,640	259,900	656
Medical public	101,622	3.8	36,640	259,900	443
Medical private	106,420	-3.0	38,000	250,000	176
Nonmedical	92,560	5.7	49,300	160,257	37
Female	100,146	1.8	54,486	179,885	90
Associate Professors					
All schools	74,201	2.7	36,986	121,445	398
Medical public	75,848	5.1	44,100	121,445	251
Medical private	74,587	1.4	36,986	108,000	126
Nonmedical	72,169	1.6	47,532	96,000	21
Female	75,207	3.5	48,613	108,000	51
Assistant Professors					
All schools	58,566	1.9	20,000	95,400	300
Medical public	59,571	0.4	20,000	91,152	162
Medical private	59,130	0.7	30,591	95,400	129
Nonmedical	56,997	-0.7	26,343	65,600	9
Female	56,991	5.2	20,000	84,420	68
Instructors					
All schools	38,478	-1.7	18,658	81,075	51
Medical public	39,029	19.2	18,658	81,075	39
Medical private	38,817	1.0	30,000	53,000	10
Nonmedical	37,589	25.5	33,000	42,179	2
Female	36,582	-11.0	18,658	81,075	16

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information, further data are provided on tenure, gender, ethnicity, and salary by number of years in rank.

The statistics are based on 99 responses (6 from Canada) but salary, tenure, gender, ethnicity, and number of years in rank results are **calculated on the number of respondents providing this information**. However, six institu-

tions did not provide any faculty salary information and an additional two institutions omitted chair salaries only.

Student/trainee information is provided by ethnicity for predoctoral and postdoctoral categories, as well as predoctoral trainee completions, stipends provided, and type of support.

Departmental budget information (Table 4) shows type of support, faculty

salaries derived from grants along with negotiated indirect costs to the departments. Table 5 ranks responding Institutions according to their total dollars, research grant dollars, and departmental space. Space averages are presented as research, administration, teaching, and other. ❖

Table 2. Average Salary by Number of Years in Rank

Chairpersons			Professors			Associate Professors			Assistant Professors			Instructors		
Years	Salary	No. of faculty	Years	Salary	No. of faculty	Years	Salary	No. of faculty	Years	Salary	No. of faculty	Years	Salary	No. of faculty
0-5	\$144,725	22	0-5	\$96,100	165	0-5	\$74,654	186	0-5	\$59,332	225	0-5	\$38,334	37
6-10	135,698	18	6-10	100,184	158	6-10	73,905	95	6-10	58,930	42	6-10	44,003	3
11-15	166,668	20	11-15	105,768	143	11-15	74,860	41	11-15	61,777	10	11-15	46,531	2
16-20	158,474	14	16-20	104,200	90	16-20	79,622	29	16-20	45,261	2	16-20	0	0
21-25	156,841	10	21-25	109,487	53	21-25	79,143	16	21-25	69,718	3	21-25	0	0
26+	166,893	4	26+	121,861	27	26+	77,957	11	26+	0	0	26+	27,329	2

Type of Institution (n = 99)

Support	Teaching Interactions
Public 65	MD/DO 86
Private 34	DDS 26
	DVM 4
	Allied health 47
	Pharmacy 21
	Other biomedical 51
	Life science 44
	Bioengineering 26

Student/Trainee Summary

Total number of pre- and postdoctoral students/trainees			
Predoc	Male	Female	Total
Predoc	Male	Female	Total
Total number of foreign pre- and postdoctoral students/trainees			
Predoc	Male	Female	Total
Predoc	Male	Female	Total

Faculty Summary (n = 1,490)

	Male	Female
American Indian/Alaskan Native	0	0
Asian/Pacific Islander	93	19
Black, not Hispanic origin	22	9
Hispanic	106	19
White, not of Hispanic origin	861	196
Foreign national	74	14

Ethnicity of each pre- and postdoctoral student/trainee

	Predoc		Postdoc	
	Male	Female	Male	Female
American Indian/Alaskan Native	15	4	8	3
Asian/Pacific Islander	69	48	49	40
Black, not Hispanic origin	34	49	6	6
Hispanic	20	18	13	9
White, not of Hispanic origin	426	332	175	130

Tenure status in each department by degree (n = 1,572)

	Tenure Status			Total
	Tenured	Not Tenured	Not Eligible	
MD	58	21	11	90
PhD	906	336	138	1,380
Both	38	19	11	68
Other	14	13	7	34

Number of foreign pre- and postdoctoral students/trainees

	Predoc		Postdoc	
	Male	Female	Male	Female
African	8	2	1	1
Asian/Pacific Islander	129	116	225	64
Central and South American	20	3	26	10
European, Canadian, Australian	91	71	116	76
Middle Eastern	23	15	33	18
Other	18	18	11	15

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Number of foreign pre- or postdoctoral trainees whose primary source of support is:

	<i>Predocctoral</i>	<i>Postdoctoral</i>
Institutional	177	52
Research grants	240	450
Private foundations	10	56
Home (foreign) governments	19	32
Other	24	20

Predocctoral Trainee Completions

Number of trainees who have completed doctoral work during the year ended June 30, 1999 (*n* = 84)

<i>Predocctoral male</i>	139	<i>Predocctoral female</i>	101
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US citizen/resident alien predocctoral trainee completions:

	<i>Male</i>	<i>Female</i>
American Indian/Alaskan Native	3	1
Asian or Pacific Islander	19	8
Black, not of Hispanic origin	6	7
Hispanic	2	5
White, not of Hispanic origin	69	54

Foreign National predocctoral trainee completions:

	<i>Male</i>	<i>Female</i>
African	1	0
Asian or Pacific Islander	25	12
Central or South American	0	1
European, Canadian, Australian	9	10
Middle Eastern	5	0
Other	0	3

Average annual starting stipend (in US dollars) for trainees:

<i>Predocctoral (n = 87)</i>	<i>Postdoctoral (n = 81)</i>
\$15,567.44	\$27,178.89

Space Controlled by Department (*n* = 98)

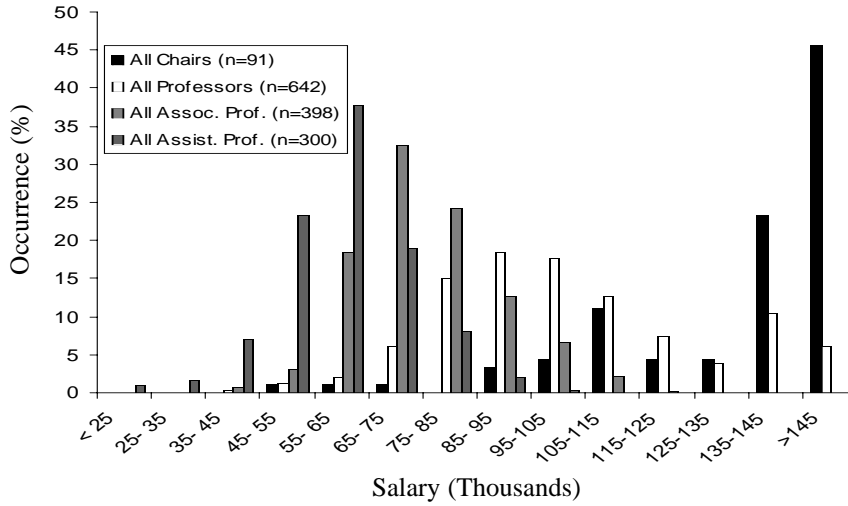
Research	16,869
Administration	2,726
Teaching	2,862
Other	2,859
Total space	23,198

Table 3. Salaries by Region

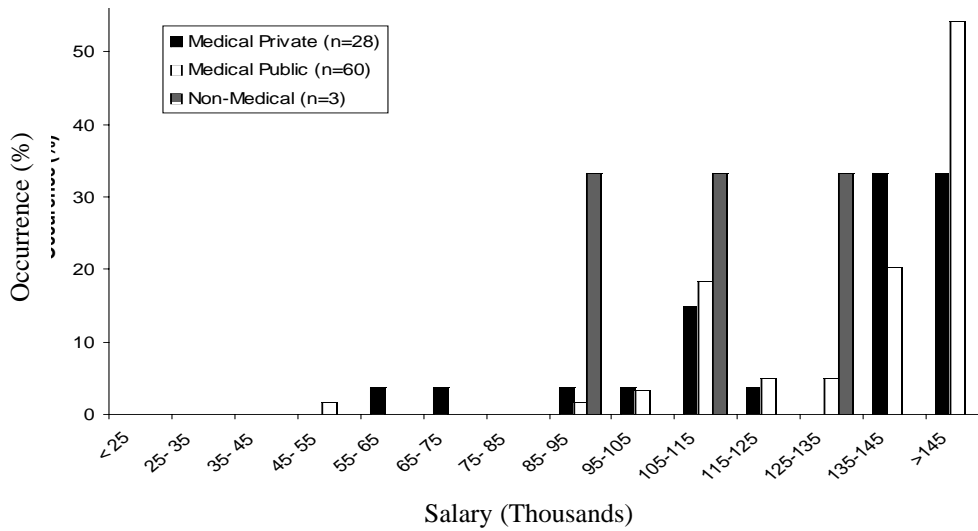
Region	Mean	Minimum	Maximum	Number	
Chairmen					
Northeast	\$163,582	\$105,300	\$218,300	22	Northeast: ME, NH, VT, NY, MA, RI, CT, NJ, PA, MD, DE, DC
Midwest	160,775	71,000	235,307	25	
South	151,096	48,955	247,000	30	
West	159,455	91,027	251,000	10	
Canada/Puerto Rico	106,514	89,188	125,000	6	
Professors					
Northeast	105,722	41,616	250,000	166	Midwest: MI, OH, IN, IL, WI, IA, MO, KS, NE, ND, SD, MN
Midwest	105,019	38,000	226,013	182	
South	96,371	36,640	182,519	168	
West	113,558	46,550	259,900	82	
Canada/Puerto Rico	85,232	45,570	138,000	60	
Associate Professors					
Northeast	77,976	47,769	106,610	101	South: VA, WV, KY, TN, NC, SC, GA, FL, AL, MS, AR, LA, OK, TX
Midwest	74,016	36,986	121,445	129	
South	74,170	44,215	112,711	105	
West	71,226	47,532	108,201	46	
Canada/Puerto Rico	65,480	54,718	78,980	19	
Assistant Professors					
Northeast	59,030	22,382	95,400	83	West: AK, HI, MT, WY, CO, NM, AZ, ID, WA, OR, CA, UT
Midwest	63,267	36,750	92,700	82	
South	56,574	25,579	76,342	92	
West	57,696	21,400	91,152	33	
Canada/Puerto Rico	50,767	20,000	59,000	12	
Instructors					
Northeast	45,043	30,000	81,075	8	
Midwest	36,449	19,200	49,822	12	
South	37,414	18,658	53,000	24	
West	37,758	33,000	42,179	5	
Canada/Puerto Rico	50,212	40,000	60,425	2	

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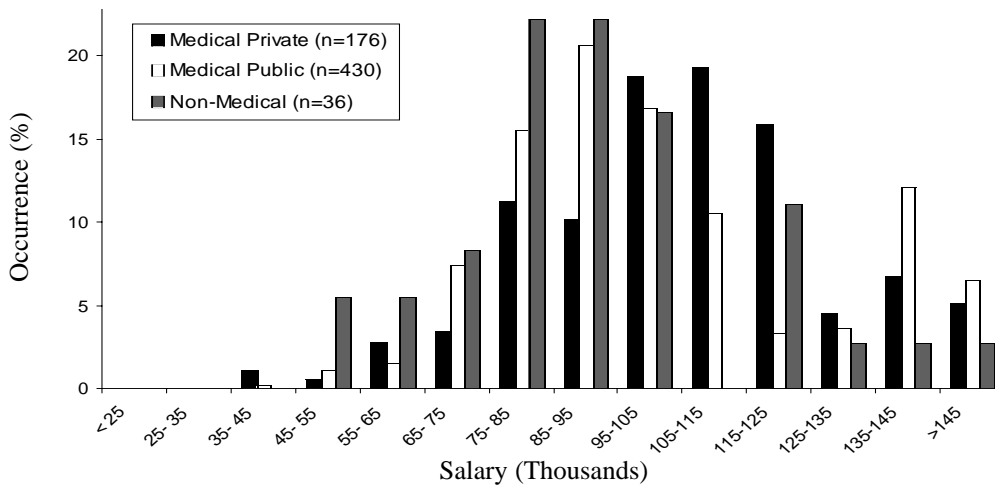
Salary Comparison by Title



Chairpersons by Institution

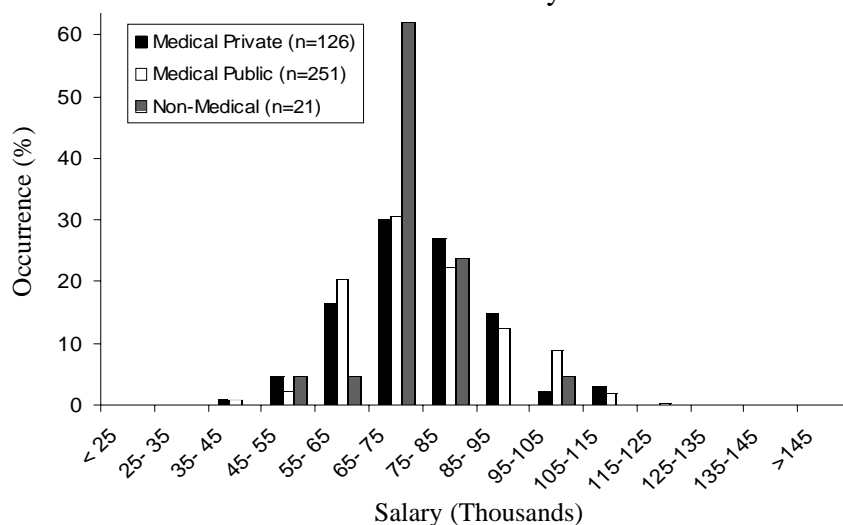


Professors by Institution



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Associate Professors by Institution



Assistant Professors by Institution

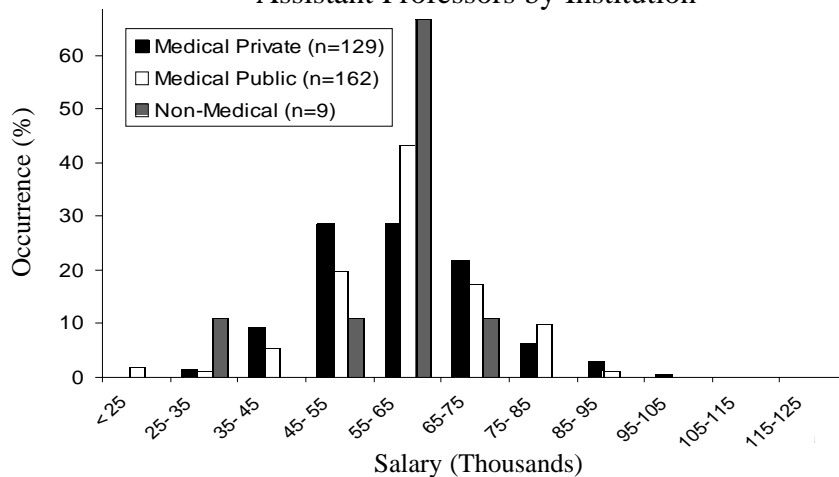


Table 4. Budgets by Institutions

	All Institutions	No.	Public Medical	No.	Private Medical	No.	Nonmedical	No.
Institutional	\$1,531,457	94	\$1,474,773	58	\$1,326,069	32	\$1,793,530	4
Outside research grants (direct costs only)	2,984,012	91	2,431,050	56	3,012,908	31	3,508,077	4
Training grants (direct costs only)	227,673	48	215,664	29	295,933	17	171,444	2
Endowments	159,140	45	155,898	31	121,524	13	200,000	1
Indirect recovery costs (amount to dept.)	143,612	47	187,784	35	113,805	8	129,247	4
Other budget support	408,305	45	451,475	30	385,671	12	387,769	3
Average Departmental Budget	4,780,865		4,481,466		4,917,312		4,879,951	
Standard deviation	2,769,474		2,520,437		3,275,624		719,370	

Financial Information

Percentage of total faculty salaries derived from research grants (not including fringe benefit amounts):	30.7%	(n = 76)
Current fringe benefit rate most frequently used for primary faculty:	24.4%	(n = 89)
Percentage of allocated faculty salary dollars raised from grants, etc., directly returned to your department:	77.1%	(n = 48)
Federally negotiated indirect cost rate for FY 98-99 on campus:	50.6%	(n = 84)
off campus:	26.6%	(n = 61)
Percentage of indirect costs returned to your department:	17.5%	(n = 42)

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Table 5. Complete Ranking According to Total Dollars

Rank Total Dollars	Total Dollars	Rank Research Grant Dollars	Research Grant Dollars	Rank Research Dollars/ Faculty	Research Dollars/ Faculty	Rank Total Research Space	Research Space (sq. ft.)	Rank Research Dollars/ sq. ft.	Research Dollars/ sq. ft.	No. of Faculty
1	\$14,470,359	1	\$12,279,135	5	\$383,722	9	28,137	3	\$436	32
2	12,427,969	2	9,276,216	1	713,555	11	26,850	5	345	13
3	11,385,080	4	7,029,339	4	413,490	52	12,681	2	554	17
4	10,159,000	3	7,435,914	14	256,410	21	22,057	6	337	29
5	9,194,107	10	5,889,547	24	210,340	29	20,050	8	293	28
6	8,790,360	5	7,000,000	8	304,647	80	7,203	1	971	23
7	8,509,657	7	6,127,569	11	291,789	4	35,500	35	172	21
8	8,250,000	8	6,000,000	3	428,571	8	29,000	27	206	14
9	8,212,400	9	5,934,707	23	211,953	13	26,129	22	227	28
10	8,115,929	6	6,129,673	6	383,104	40	17,092	4	358	16
11	7,933,349	17	4,715,490	17	235,774	2	36,255	54	129	20
12	7,850,000	22	4,330,000	22	216,500	1	104,500	83	41	20
13	7,768,413	13	5,036,075	20	228,912	3	35,577	47	141	22
14	7,712,614	11	5,380,188	29	185,523	24	21,211	14	253	29
15	7,439,017	26	3,637,726	32	181,886	16	25,389	46	143	20
16	7,324,314	12	5,330,717	30	183,817	36	18,226	9	292	29
17	7,278,682	20	4,486,919	16	236,153	15	25,441	32	176	19
18	7,207,524	14	5,028,000	9	295,764	5	31,116	40	161	17
19	7,143,637	19	4,561,903	12	285,118	39	17,479	13	260	16
20	7,121,004	15	5,000,874	10	294,169	26	20,817	16	240	17
21	7,068,628	23	4,205,565	27	191,162	38	17,775	18	236	22
22	6,852,060	16	4,882,815	28	187,800	10	28,112	34	173	26
23	6,489,120	42	2,329,140	58	116,457	63	9,941	20	234	20
24	6,397,405	25	3,642,886	31	182,144	17	25,329	45	143	20
25	6,169,979	27	3,564,809	41	154,991	14	26,025	53	136	23
26	6,141,571	18	4,606,209	26	200,269	6	30,461	42	151	23
27	5,982,302	21	4,429,591	18	233,136	34	18,660	17	237	19
28	5,875,475	31	3,036,836	43	144,611	46	15,688	29	193	21
29	5,660,273	39	2,561,255	51	121,964	18	24,307	65	105	21
30	5,628,430	29	3,355,186	35	176,588	28	20,521	38	163	19
31	5,451,996	59	1,627,073	78	54,235	19	24,241	77	67	30
32	5,440,249	37	2,656,700	37	166,043	30	19,480	52	136	16
33	5,372,164	34	2,949,086	45	140,432	35	18,298	39	161	21
34	5,302,560	28	3,496,629	36	166,506	37	18,000	28	194	21
35	5,220,129	32	3,010,996	47	125,458	22	21,719	51	138	14
36	5,154,157	36	2,828,981	57	117,874	20	23,981	59	117	24
37	5,004,541	24	3,950,336	7	359,121	43	16,788	19	235	11
38	4,817,494	54	1,891,946	72	72,767	12	26,333	75	71	26
39	4,736,400	48	2,255,299	48	125,294	44	16,288	50	138	18
40	4,524,093	66	1,143,364	82	42,346	25	20,940	80	54	27
41	4,471,566	30	3,216,758	2	459,536	58	12,251	12	262	7
42	4,327,972	41	2,441,025	13	271,225	50	13,880	33	175	9
43	4,243,179	43	2,309,553	34	177,657	48	15,259	43	151	13
44	4,213,794	51	2,158,259	54	119,903	42	16,921	56	127	18

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Table 5. (continued)

Rank Total Dollars	Total Dollars	Rank Research Grant Dollars	Research Grant Dollars	Rank Research Dollars/ Faculty	Research Dollars/ Faculty	Rank Total Research Space	Research Space (sq. ft.)	Rank Research Dollars/ sq. ft.	Research Dollars/ sq. ft.	No. of Faculty
45	4,203,678	35	2,834,295	85	18,022	53	12,667	23	223	13
46	4,201,772	38	2,611,049	15	237,368	59	12,248	24	213	11
47	4,178,833	44	2,308,802	52	121,515	7	29,872	71	77	19
48	3,973,356	40	2,480,000	56	118,095	41	17,050	44	145	21
49	3,942,709	45	2,297,810	46	135,165	27	20,598	64	111	17
50	3,887,000	53	2,000,000	60	111,111	23	21,309	68	93	18
51	3,843,637	33	3,000,000	19	230,769	62	10,000	7	300	13
52	3,809,480	49	2,220,190	25	201,835	73	8,038	10	276	11
53	3,284,514	46	2,281,855	21	228,185	49	14,881	41	153	10
54	3,243,521	63	1,360,104	66	90,673	33	18,732	73	72	15
55	3,198,472	52	2,028,396	40	156,030	78	7,379	11	274	13
56	3,172,157	47	2,273,050	55	119,634	54	12,650	31	179	19
57	3,154,732	56	1,745,717	39	158,701	68	9,253	30	188	11
58	3,134,128	50	2,180,488	33	181,707	60	10,458	25	208	12
59	3,118,799	60	1,551,353	44	141,032	56	12,500	57	124	11
60	3,090,284	69	1,103,791	65	91,982	65	9,809	63	112	12
61	3,011,953	64	1,353,659	64	104,127	81	6,566	26	206	13
62	2,895,770	57	1,728,355	50	123,453	61	10,257	37	168	14
63	2,835,609	58	1,690,143	53	120,724	79	7,352	21	229	14
64	2,767,545	75	946,192	80	45,056	77	7,596	58	124	21
65	2,759,470	77	875,279	83	41,679	45	15,792	79	55	21
66	2,520,425	55	1,753,937	38	159,448	47	15,363	61	114	11
67	2,420,466	71	1,093,215	71	72,881	67	9,357	60	116	15
68	2,364,107	67	1,124,582	59	112,458	64	9,882	67	113	10
69	2,355,947	80	768,253	75	59,145	66	9,558	70	80	13
70	2,336,002	79	852,540	76	56,836	70	8,526	66	99	15
71	2,254,494	82	574,624	81	44,201	72	8,264	76	69	13
72	2,226,608	70	1,098,000	61	109,800	75	7,874	48	139	10
73	2,217,034	73	1,033,985	70	79,537	74	8,023	55	128	14
74	2,201,277	62	1,408,429	62	108,340	71	8,350	36	168	13
75	2,161,639	78	875,074	73	67,313	51	13,648	78	64	13
76	2,004,783	72	1,068,594	42	152,656	76	7,680	49	139	7
77	1,988,984	61	1,540,969	67	90,645	32	18,971	69	81	17
78	1,956,387	76	903,450	74	60,230	55	12,640	74	71	15
79	1,939,584	74	1,015,299	68	84,608	31	19,030	82	53	12
80	1,779,994	65	1,235,494	49	123,549	57	12,470	67	99	10
81	1,772,525	83	500,000	77	55,555	69	9,131	81	54	9
82	1,439,708	85	246,666	84	24,666	82	6,190	85	39	10
83	1,318,996	81	746,492	63	106,641	87	3,070	15	243	7
84	893,265	68	1,124,582	79	50,747	85	3,741	84	41	3
85	552,802	84	332,506	69	83,126	84	4,480	72	74	4
86	534,853	87	43,200	87	8,640	86	3,527	87	12	5
87	149,000	86	90,000	86	11,250	83	5,500	86	16	8