

**Five Number Summaries of Selected Batting Statistics  
Grouped by League (1986), Division (1986), and Salary Category (1987)**

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**The MEANS Procedure**

<i>League at the end of 1986</i>	<i>Division at the end of 1986</i>	<i>Salary (Thousands of Dollars)</i>	<i>N Obs</i>	<i>Variable</i>	<i>Minimum</i>	<i>25th Pctl</i>	<i>50th Pctl</i>	<i>75th Pctl</i>	<i>Maximum</i>
American	East	Missing	17	nHits	36.00	54.00	84.00	113.00	140.00
				nHome	0.00	1.00	8.00	13.00	23.00
				nRuns	15.00	24.00	33.00	48.00	69.00
				nRBI	10.00	27.00	44.00	56.00	75.00
				nBB	14.00	18.00	30.00	41.00	54.00
		First Quartile	11	nHits	41.00	51.00	78.00	113.00	142.00
				nHome	1.00	4.00	7.00	20.00	28.00
				nRuns	15.00	32.00	41.00	58.00	71.00
				nRBI	18.00	19.00	35.00	69.00	86.00
				nBB	9.00	16.00	24.00	45.00	54.00
		Second Quartile	18	nHits	39.00	57.00	73.00	93.00	213.00
				nHome	2.00	4.00	8.00	13.00	33.00
				nRuns	18.00	31.00	38.00	54.00	108.00
				nRBI	18.00	27.00	38.00	51.00	121.00
				nBB	9.00	18.00	22.00	32.00	72.00
		Third Quartile	14	nHits	60.00	103.00	136.00	159.00	179.00
				nHome	0.00	6.00	11.50	17.00	29.00
				nRuns	30.00	48.00	66.00	83.00	107.00
				nRBI	11.00	47.00	56.50	77.00	85.00
				nBB	22.00	37.00	44.50	56.00	91.00
		Fourth Quartile	25	nHits	84.00	136.00	150.00	170.00	238.00
				nHome	4.00	9.00	20.00	26.00	40.00
				nRuns	49.00	69.00	85.00	98.00	130.00
				nRBI	38.00	58.00	74.00	97.00	113.00
				nBB	13.00	40.00	64.00	77.00	105.00
	West	Missing	19	nHits	39.00	47.00	80.00	98.00	160.00
				nHome	0.00	4.00	7.00	9.00	35.00
				nRuns	17.00	25.00	40.00	57.00	86.00
				nRBI	15.00	26.00	36.00	46.00	94.00
				nBB	11.00	22.00	33.00	46.00	87.00
		First Quartile	25	nHits	39.00	60.00	102.00	118.00	172.00
				nHome	0.00	3.00	5.00	17.00	33.00
				nRuns	13.00	26.00	53.00	58.00	85.00
				nRBI	8.00	24.00	35.00	54.00	117.00
				nBB	7.00	16.00	29.00	52.00	71.00
		Second Quartile	19	nHits	41.00	61.00	96.00	126.00	223.00
				nHome	0.00	4.00	7.00	18.00	31.00
				nRuns	17.00	23.00	50.00	76.00	119.00
				nRBI	15.00	29.00	45.00	58.00	107.00
				nBB	3.00	18.00	34.00	52.00	88.00
		Third Quartile	15	nHits	77.00	83.00	114.00	154.00	169.00
				nHome	3.00	5.00	13.00	18.00	28.00
				nRuns	35.00	45.00	65.00	74.00	88.00
				nRBI	29.00	47.00	51.00	58.00	94.00
				nBB	16.00	31.00	47.00	68.00	92.00
		Fourth Quartile	12	nHits	91.00	129.50	142.00	168.50	171.00
				nHome	9.00	15.00	19.50	24.50	34.00
				nRuns	41.00	69.00	74.50	82.50	91.00
				nRBI	42.00	59.00	74.00	93.00	108.00
				nBB	22.00	36.00	52.00	64.00	90.00

**Five Number Summaries of Selected Batting Statistics  
Grouped by League (1986), Division (1986), and Salary Category (1987)**

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**The MEANS Procedure**

<i>League at the end of 1986</i>	<i>Division at the end of 1986</i>	<i>Salary (Thousands of Dollars)</i>	<i>N Obs</i>	<i>Variable</i>	<i>Minimum</i>	<i>25th Pctl</i>	<i>50th Pctl</i>	<i>75th Pctl</i>	<i>Maximum</i>
National	East	Missing	11	nHits	31.00	37.00	55.00	69.00	194.00
				nHome	0.00	2.00	5.00	8.00	14.00
				nRuns	12.00	18.00	21.00	32.00	91.00
				nRBI	13.00	19.00	23.00	37.00	62.00
				nBB	14.00	20.00	27.00	30.00	78.00
		First Quartile	17	nHits	37.00	57.00	76.00	96.00	145.00
				nHome	0.00	1.00	6.00	12.00	17.00
				nRuns	18.00	30.00	38.00	56.00	94.00
				nRBI	8.00	29.00	36.00	48.00	68.00
				nBB	18.00	21.00	26.00	36.00	65.00
		Second Quartile	13	nHits	43.00	54.00	70.00	127.00	167.00
				nHome	1.00	4.00	7.00	10.00	23.00
				nRuns	21.00	29.00	38.00	62.00	89.00
				nRBI	17.00	27.00	33.00	45.00	88.00
				nBB	15.00	30.00	36.00	57.00	61.00
		Third Quartile	17	nHits	65.00	94.00	113.00	145.00	178.00
				nHome	1.00	7.00	11.00	15.00	21.00
				nRuns	30.00	48.00	50.00	67.00	90.00
				nRBI	18.00	36.00	58.00	76.00	84.00
				nBB	22.00	27.00	37.00	44.00	60.00
		Fourth Quartile	14	nHits	55.00	123.00	136.50	159.00	186.00
				nHome	0.00	9.00	13.00	21.00	37.00
				nRuns	34.00	56.00	66.50	81.00	107.00
				nRBI	23.00	52.00	69.50	93.00	119.00
				nBB	32.00	45.00	64.50	74.00	94.00
	West	Missing	12	nHits	44.00	55.50	70.00	84.00	141.00
				nHome	0.00	2.00	4.00	9.50	27.00
				nRuns	14.00	23.50	31.00	40.50	70.00
				nRBI	12.00	17.00	28.00	36.50	87.00
				nBB	11.00	14.00	22.00	33.00	52.00
		First Quartile	14	nHits	32.00	58.00	83.50	108.00	210.00
				nHome	0.00	5.00	6.00	7.00	11.00
				nRuns	16.00	26.00	33.50	55.00	91.00
				nRBI	22.00	25.00	31.00	41.00	56.00
				nBB	8.00	15.00	26.00	34.00	59.00
		Second Quartile	17	nHits	52.00	68.00	78.00	102.00	152.00
				nHome	1.00	4.00	7.00	16.00	31.00
				nRuns	26.00	31.00	36.00	49.00	97.00
				nRBI	15.00	28.00	37.00	52.00	101.00
				nBB	12.00	22.00	33.00	41.00	68.00
		Third Quartile	21	nHits	32.00	77.00	110.00	135.00	211.00
				nHome	0.00	4.00	8.00	15.00	26.00
				nRuns	14.00	34.00	47.00	62.00	107.00
				nRBI	25.00	36.00	44.00	56.00	96.00
				nBB	12.00	30.00	38.00	63.00	83.00
		Fourth Quartile	11	nHits	42.00	106.00	133.00	158.00	174.00
				nHome	3.00	8.00	12.00	21.00	31.00
				nRuns	17.00	38.00	57.00	89.00	89.00
				nRBI	14.00	33.00	70.00	81.00	116.00
				nBB	15.00	23.00	55.00	73.00	84.00

*The FREQ Procedure*

<i>Position(s) Played</i>				
<i>Position</i>	<i>Frequency</i>	<i>Percent</i>	<i>Cumulative Frequency</i>	<i>Cumulative Percent</i>
13	1	0.31	1	0.31
1B	31	9.63	32	9.94
1O	1	0.31	33	10.25
23	1	0.31	34	10.56
2B	31	9.63	65	20.19
2S	1	0.31	66	20.50
32	1	0.31	67	20.81
3B	32	9.94	99	30.75
3O	1	0.31	100	31.06
3S	3	0.93	103	31.99
C	40	12.42	143	44.41
CD	1	0.31	144	44.72
CF	26	8.07	170	52.80
CS	1	0.31	171	53.11
DH	16	4.97	187	58.07
DO	2	0.62	189	58.70
LF	25	7.76	214	66.46
O1	4	1.24	218	67.70
OD	1	0.31	219	68.01
OF	30	9.32	249	77.33
OS	2	0.62	251	77.95
RF	26	8.07	277	86.02
S3	1	0.31	278	86.34
SS	30	9.32	308	95.65
UT	14	4.35	322	100.00

## The FREQ Procedure

Frequency Percent Row Pct Col Pct	Table of Position by Salary					
	Salary(Salary (Thousands of Dollars))					
	Position(Position(s) Played)	Missing	First Quartile	Second Quartile	Third Quartile	Fourth Quartile
	13	1	0	0	0	0
		0.31	0.00	0.00	0.00	0.00
		100.00	0.00	0.00	0.00	0.00
		1.69	0.00	0.00	0.00	0.00
	1B	7	6	3	5	10
		2.17	1.86	0.93	1.55	3.11
		22.58	19.35	9.68	16.13	32.26
		11.86	8.96	4.48	7.46	16.13
	1O	0	1	0	0	0
		0.00	0.31	0.00	0.00	0.00
		0.00	100.00	0.00	0.00	0.00
		0.00	1.49	0.00	0.00	0.00
	23	0	0	1	0	0
		0.00	0.00	0.31	0.00	0.00
		0.00	0.00	100.00	0.00	0.00
		0.00	0.00	1.49	0.00	0.00
	2B	5	5	5	12	4
		1.55	1.55	1.55	3.73	1.24
		16.13	16.13	16.13	38.71	12.90
		8.47	7.46	7.46	17.91	6.45
	2S	0	0	1	0	0
		0.00	0.00	0.31	0.00	0.00
		0.00	0.00	100.00	0.00	0.00
		0.00	0.00	1.49	0.00	0.00
	32	0	0	1	0	0
		0.00	0.00	0.31	0.00	0.00
		0.00	0.00	100.00	0.00	0.00
		0.00	0.00	1.49	0.00	0.00
	3B	2	8	5	7	10
		0.62	2.48	1.55	2.17	3.11
		6.25	25.00	15.63	21.88	31.25
		3.39	11.94	7.46	10.45	16.13
	3O	0	0	0	1	0
		0.00	0.00	0.00	0.31	0.00
		0.00	0.00	0.00	100.00	0.00
		0.00	0.00	0.00	1.49	0.00
	3S	0	0	3	0	0
		0.00	0.00	0.93	0.00	0.00
		0.00	0.00	100.00	0.00	0.00
		0.00	0.00	4.48	0.00	0.00
	C	10	9	5	8	8
		3.11	2.80	1.55	2.48	2.48
		25.00	22.50	12.50	20.00	20.00
		16.95	13.43	7.46	11.94	12.90
	CD	0	0	1	0	0
		0.00	0.00	0.31	0.00	0.00
		0.00	0.00	100.00	0.00	0.00
		0.00	0.00	1.49	0.00	0.00

## The FREQ Procedure

Frequency Percent Row Pct Col Pct	Table of Position by Salary						
	Salary(Salary (Thousands of Dollars))						Total
	Position(Position(s) Played)	Missing	First Quartile	Second Quartile	Third Quartile	Fourth Quartile	
	CF	3	5	6	6	6	26
		0.93	1.55	1.86	1.86	1.86	8.07
		11.54	19.23	23.08	23.08	23.08	
		5.08	7.46	8.96	8.96	9.68	
	CS	1	0	0	0	0	1
		0.31	0.00	0.00	0.00	0.00	0.31
		100.00	0.00	0.00	0.00	0.00	
		1.69	0.00	0.00	0.00	0.00	
	DH	5	1	4	4	2	16
		1.55	0.31	1.24	1.24	0.62	4.97
		31.25	6.25	25.00	25.00	12.50	
		8.47	1.49	5.97	5.97	3.23	
	DO	0	0	2	0	0	2
		0.00	0.00	0.62	0.00	0.00	0.62
		0.00	0.00	100.00	0.00	0.00	
		0.00	0.00	2.99	0.00	0.00	
	LF	5	8	4	4	4	25
		1.55	2.48	1.24	1.24	1.24	7.76
		20.00	32.00	16.00	16.00	16.00	
		8.47	11.94	5.97	5.97	6.45	
	O1	0	2	2	0	0	4
		0.00	0.62	0.62	0.00	0.00	1.24
		0.00	50.00	50.00	0.00	0.00	
		0.00	2.99	2.99	0.00	0.00	
	OD	0	0	1	0	0	1
		0.00	0.00	0.31	0.00	0.00	0.31
		0.00	0.00	100.00	0.00	0.00	
		0.00	0.00	1.49	0.00	0.00	
	OF	8	6	9	4	3	30
		2.48	1.86	2.80	1.24	0.93	9.32
		26.67	20.00	30.00	13.33	10.00	
		13.56	8.96	13.43	5.97	4.84	
	OS	0	2	0	0	0	2
		0.00	0.62	0.00	0.00	0.00	0.62
		0.00	100.00	0.00	0.00	0.00	
		0.00	2.99	0.00	0.00	0.00	
	RF	4	2	2	7	11	26
		1.24	0.62	0.62	2.17	3.42	8.07
		15.38	7.69	7.69	26.92	42.31	
		6.78	2.99	2.99	10.45	17.74	
	S3	0	0	0	0	1	1
		0.00	0.00	0.00	0.00	0.31	0.31
		0.00	0.00	0.00	0.00	100.00	
		0.00	0.00	0.00	0.00	1.61	
	SS	4	11	6	6	3	30
		1.24	3.42	1.86	1.86	0.93	9.32
		13.33	36.67	20.00	20.00	10.00	
		6.78	16.42	8.96	8.96	4.84	

## The FREQ Procedure

Frequency Percent Row Pct Col Pct	Table of Position by Salary						
	Salary(Salary (Thousands of Dollars))						
	Position(Position(s) Played)	Missing	First Quartile	Second Quartile	Third Quartile	Fourth Quartile	Total
	UT	4	1	6	3	0	14
		1.24	0.31	1.86	0.93	0.00	4.35
		28.57	7.14	42.86	21.43	0.00	
		6.78	1.49	8.96	4.48	0.00	
	Total	59	67	67	67	62	322
		18.32	20.81	20.81	20.81	19.25	100.00

Last Name	First Name	Position(s) Played	League at the end of 1986	Division at the end of 1986	Team at the end of 1986	Salary (Thousands of Dollars)	# of Hits in 1986	# of Home Runs in 1986	# of Runs in 1986	# of RBIs in 1986	# of Walks in 1986
Murray	Eddie	1B	American	East	Baltimore	\$2,460.000	151	17	61	84	78
Ripken	Cal	SS	American	East	Baltimore	\$1,350.000	177	25	98	81	70
Rice	Jim	LF	American	East	Boston	\$2,412.500	200	20	98	110	62
Boggs	Wade	3B	American	East	Boston	\$1,600.000	207	8	107	71	105
Thornton	Andre	DH	American	East	Cleveland	\$1,100.000	92	17	49	66	65
Gibson	Kirk	RF	American	East	Detroit	\$1,300.000	118	28	84	86	68
Molitor	Paul	3B	American	East	Milwaukee	\$1,260.000	123	9	62	55	40
Yount	Robin	CF	American	East	Milwaukee	\$1,000.000	163	9	82	46	62
Mattingly	Don	1B	American	East	New York	\$1,975.000	238	31	117	113	53
Winfield	Dave	RF	American	East	New York	\$1,861.460	148	24	90	104	77
Henderson	Rickey	CF	American	East	New York	\$1,670.000	160	28	130	74	89
Griffey	Ken	OF	American	East	New York	\$1,000.000	150	21	69	58	35
Barfield	Jesse	RF	American	East	Toronto	\$1,237.500	170	40	107	108	69
Bell	George	LF	American	East	Toronto	\$1,175.000	198	31	101	108	41
Brett	George	3B	American	West	Kansas City	\$1,500.000	128	16	70	73	80
Wilson	Willie	CF	American	West	Kansas City	\$1,000.000	170	9	77	44	31
Hrbek	Kent	1B	American	West	Minneapolis	\$1,310.000	147	29	85	91	71
Lansford	Carney	3B	American	West	Oakland	\$1,200.000	168	19	80	72	39
Durham	Leon	1B	National	East	Chicago	\$1,183.333	127	20	66	65	67
Cey	Ron	3B	National	East	Chicago	\$1,050.000	70	13	42	36	44
Moreland	Keith	RF	National	East	Chicago	\$1,043.333	159	12	72	79	53
Davis	Jody	C	National	East	Chicago	\$1,008.333	132	21	61	74	41
Sandberg	Ryne	2B	National	East	Chicago	\$740.000	178	14	68	76	46
Matthews	Gary	LF	National	East	Chicago	\$733.333	96	21	49	46	60
Dernier	Bob	CF	National	East	Chicago	\$708.333	73	4	32	18	22
Mumphrey	Jerry	OF	National	East	Chicago	\$600.000	94	5	37	32	26
Lopes	Davey	3O	National	East	Chicago	\$450.000	70	7	49	35	43
Speier	Chris	3S	National	East	Chicago	\$275.000	44	6	21	23	15
Dunston	Shawon	SS	National	East	Chicago	\$155.000	145	17	66	68	21
Carter	Gary	C	National	East	New York	\$1,925.571	125	24	81	105	62
Hernandez	Keith	1B	National	East	New York	\$1,800.000	171	13	94	83	94
Strawberry	Darryl	RF	National	East	New York	\$1,220.000	123	27	76	93	72
Schmidt	Mike	3B	National	East	Philadelphia	\$2,127.333	160	37	97	119	89
Hayes	Von	1B	National	East	Philadelphia	\$1,300.000	186	19	107	98	74
Pena	Tony	C	National	East	Pittsburgh	\$1,150.000	147	10	56	52	53
Smith	Ozzie	SS	National	East	St Louis	\$1,940.000	144	0	67	54	79
Clark	Jack	1B	National	East	St Louis	\$1,300.000	55	9	34	23	45

Included: Players with Salaries of at least \$1,000,000 or who played for the Chicago Cubs

Last Name	First Name	Position(s) Played	League at the end of 1986	Division at the end of 1986	Team at the end of 1986	Salary (Thousands of Dollars)	#	#	#	#	#	
							of Hits in 1986	of Home Runs in 1986	of Runs in 1986	of RBIs in 1986	of Walks in 1986	
Murphy	Dale	CF	National	West	Atlanta	\$1,900.000	163	29	89	83	75	
Parker	Dave	RF	National	West	Cincinnati	\$1,041.667	174	31	89	116	56	
Garvey	Steve	1B	National	West	San Diego	\$1,450.000	142	21	58	81	23	
							\$51,512.696	5,686	741	2,978	2,903	2,295