IOWA COUNTY AVERAGE CORN YIELDS, BY DISTRICT, 1943-2000									
	1943	1944	1945	1946	1947	1948	1949	1950	1951
Boone	59.2	50.3	49.4	60.9	30.9	63.1	45.3	51.7	49.6
Dallas	62.7	50.7	50.8	61.1	27.4	63.4	48.9	53.5	44.5
Grundy	68.4	65.3	54.8	69.0	30.8	72.0	49.9	50.2	59.7
Hamilton	61.1	51.9	44.6	61.7	25.2	62.4	39.9	50.9	45.9
Hardin	63.0	55.0	49.5	65.7	27.2	64.9	45.2	50.3	50.5
Jasper	55.2	50.2	51.5	61.4	30.2	64.1	49.9	46.4	50.0
Marshall	68.9	57.7	54.4	69.4	32.5	67.8	47.2	49.4	53.3
Polk	60.1	54.9	52.7	61.2	26.8	64.4	50.2	51.4	46.3
Poweshiek	59.5	49.4	48.2	62.9	24.6	67.7	53.6	51.2	49.0
Story	59.6	46.9	55.0	63.3	30.3	66.1	46.1	51.4	48.2
Tama	65.8	58.3	54.8	68.4	31.8	66.5	53.2	50.6	55.5
Webster	57.9	48.6	40.4	58.8	27.3	61.6	37.6	49.8	44.1
Central Avg.	61.8	53.3	50.5	63.7	28.8	65.3	47.3	50.6	49.7
Benton	63.6	55.9	51.3	64.8	30.4	68.5	55.8	51.1	56.4
Cedar	65.5	58.2	56.7	70.0	44.2	72.4	66.4	58.7	61.4
Clinton	63.3	59.0	50.0	60.9	45.1	65.0	63.6	54.0	56.5
Iowa	55.1	53.5	50.7	66.4	28.0	66.9	57.3	51.3	48.2
Jackson	62.5	56.4	43.8	60.8	40.0	55.6	58.7	47.2	51.0
Johnson	63.7	58.0	53.4	67.8	36.2	71.4	60.5	53.4	51.7
Jones	63.8	59.3	49.9	63.5	37.7	64.2	62.1	53.3	57.7
Linn	59.4	55.3	47.1	60.8	29.4	65.4	55.0	51.2	50.2
Muscatine	63.5	57.4	51.7	65.9	39.2	67.4	58.2	50.4	52.0
Scott	67.8	61.1	58.5	69.2	48.6	69.8	65.4	55.4	55.9
East Central Avg.	62.8	57.4	51.3	65.0	37.9	66.7	60.3	52.6	54.1
Butler	56.4	54.5	41.2	55.0	26.4	49.5	44.0	45.8	43.5
Cerro Gordo	56.5	49.9	40.0	56.4	31.9	51.1	44.4	43.0	41.4
Floyd	56.8	53.5	40.9	52.3	28.2	44.5	41.6	46.1	40.5
Franklin	61.9	54.2	44.2	56.5	29.5	59.6	44.6	49.2	45.6
Hancock	56.6	50.8	41.3	51.1	34.1	61.6	43.3	47.8	43.8
Humboldt	59.3	57.3	43.4	59.1	31.6	65.9	43.2	52.3	45.1
Kossuth	54.1	48.9	39.3	51.5	34.8	61.0	42.0	45.8	43.4
Mitchell	57.2	51.9	36.5	50.3	36.9	51.6	47.4	45.7	42.7
Winnebago	54.0	49.2	38.7	50.6	37.0	59.7	43.8	44.8	44.1
Worth	55.8	48.8	35.2	52.6	34.0	55.3	46.5	44.2	45.6
Wright	60.3	53.3	44.1	60.0	29.5	64.7	39.8	50.0	42.2
North Central Avg.	57.2	52.0	40.4	54.1	32.2	56.8	43.7	46.8	43.4
Allamakee	67.4	53.9	40.8	59.6	36.6	59.8	56.7	44.8	49.4
Black Hawk	62.4	58.9	50.1	61.0	29.1	62.7	47.1	49.9	54.7
Bremer	61.4	51.8	44.4	57.1	28.1	55.1	50.1	50.9	46.0
Buchanan	54.4	47.6	40.8	51.2	25.6	59.9	48.2	44.7	43.0
Chickasaw	53.6	45.7	33.4	47.3	26.1	48.5	43.4	40.4	35.3
Clayton	65.9	61.9	48.9	64.3	34.6	59.4	56.0	46.2	47.5
Delaware	61.3	57.5	45.2	60.1	31.7	59.0	55.1	48.2	49.1
Dubuque	63.7	59.7	46.7	65.4	38.8	61.7	61.3	49.7	54.2
Fayette	58.3	50.9	40.9	53.6	26.3	55.2	51.9	41.2	43.8
Howard	49.6	42.8	30.1	41.7	28.0	45.0	42.7	39.2	30.9
Winneshiek	62.8	55.9	41.5	56.2	33.7	53.1	51.8	44.8	46.3
Northeast Avg.	60.1	53.3	42.1	56.1	30.8	56.3	51.3	45.5	45.5
Buena Vista	58.5	59.5	48.2	59.2	34.5	64.4	44.2	49.4	41.8
Cherokee	48.7	56.6	49.2	56.2	34.0	63.2	44.0	48.5	45.0

Clay	55.1	60.2	41.7	53.5	33.3	59.4	47.2	45.3	42.0
Dickinson	45.8	54.6	38.1	50.9	30.8	57.1	42.0	40.5	40.1
Emmet	49.6	54.5	40.6	54.2	36.3	64.8	40.8	46.1	44.7
Lyon	42.0	56.4	42.1	48.1	34.3	57.5	46.3	36.7	31.2
O'Brien	53.0	52.2	44.9	53.6	37.3	60.3	44.1	42.0	38.0
Osceola	46.7	49.2	37.8	49.1	36.6	54.5	46.7	39.6	32.5
Palo Alto	52.6	55.3	42.4	50.7	32.6	59.3	43.8	42.7	40.2
Plymouth	38.4	53.9	44.4	47.1	32.4	55.0	44.3	45.2	41.2
Pocahontas	53.5	55.8	41.3	55.5	31.5	62.6	44.8	47.8	37.7
Sioux	49.5	55.7	50.1	51.5	38.1	60.9	45.2	43.6	40.5
Northwest Avg.	49.5	55.3	43.4	52.5	34.3	59.9	44.5	44.0	39.6
Adair	50.9	43.4	38.3	57.1	20.8	59.4	45.8	49.7	36.9
Adams	50.8	47.2	40.8	53.6	22.3	58.7	44.2	54.3	29.4
Cass	51.7	49.5	42.0	58.1	24.2	53.8	46.9	52.6	39.3
Fremont	45.8	46.4	41.7	48.2	32.5	50.3	38.6	50.1	33.5
Mills	51.0	52.6	46.0	52.8	31.3	55.4	43.3	53.1	33.4
Montgomery	53.1	50.7	49.6	56.6	29.7	55.4	48.2	56.5	35.9
Page	52.6	49.9	47.5	52.2	31.9	54.3	46.1	55.3	34.5
Pottawattamie	52.8	53.4	46.2	55.7	32.1	57.1	45.6	52.1	40.4
Taylor	41.0	45.4	34.8	46.8	21.1	56.4	43.2	49.7	25.1
Southwest Avg.	50.0	48.7	43.0	53.5	27.3	55.6	44.7	52.6	34.3
Audubon	59.2	56.9	43.8	68.2	25.1	64.3	44.9	52.5	50.5
Calhoun	59.3	56.8	43.6	61.3	27.5	65.2	39.0	50.8	42.9
Carroll	58.6	56.2	46.6	62.8	27.8	66.8	44.2	49.7	44.4
Crawford	52.2	53.6	40.7	55.6	33.7	59.1	42.3	45.9	42.2
Greene	59.7	53.2	46.2	62.8	27.1	63.2	40.2	50.7	43.5
Guthrie	51.6	47.2	41.8	57.2	24.9	56.7	43.9	47.1	42.4
Harrison	47.5	49.2	37.9	54.3	29.2	54.9	42.9	49.9	35.1
Ida	54.5	54.4	48.2	56.7	34.3	63.4	46.2	49.8	47.0
Monona	43.8	47.6	37.3	52.0	27.3	55.7	42.1	49.8	35.0
Sac	59.1	53.8	43.0	61.6	33.1	68.2	48.1	52.6	43.9
Shelby	58.9	62.9	48.2	64.0	38.7	65.0	46.6	55.4	49.9
Woodbury	43.3	49.5	39.4	47.3	28.5	54.7	41.8	46.5	40.5
West Central Avg.	54.0	53.4	43.1	58.7	29.8	61.4	43.5	50.1	43.1
Appanoose	40.3	36.2	25.7	43.4	18.1	50.0	40.7	40.7	29.2
Clarke	45.6	38.5	31.3	46.4	15.4	54.2	41.6	43.1	24.6
Decatur	39.6	48.1	29.3	44.5	15.4	48.8	43.1	40.9	23.7
Lucas	40.4	34.2	28.8	46.2	16.8	50.3	43.1	42.8	24.3
Madison	51.4	45.7	40.2	55.2	19.5	62.5	45.4	50.4	36.7
Marion	48.3	42.2	41.6	55.5	23.9	62.8	47.5	47.8	41.9
Monroe	40.0	35.8	32.3	41.8	16.5	51.9	38.6	41.5	24.2
Ringgold	38.6	41.2	30.6	45.0	16.8	54.3	45.0	41.7	22.9
Union	48.0	43.6	36.0	52.2	20.4	58.1	42.8	49.0	26.0
Warren	50.6	40.7	41.8	55.3	20.4	59.3	44.4	47.5	34.5
Wayne	35.6	34.2	25.3	43.5	15.7	46.1	44.8	42.3	29.5
South Central Avg.	43.5	40.0	33.0	48.1	18.1	54.4	43.4	44.3	28.9
Davis	41.8	40.8	25.7	43.2	14.2	54.9	40.6	41.6	32.5
Des Moines	58.5	56.9	46.0	64.5	40.9	64.6	57.4	56.3	52.5
Henry	58.4	52.4	49.8	63.0	33.0	67.0	53.8	49.9	46.1
Jefferson	50.0	46.6	43.6	50.1	19.0	60.9	46.7	45.1	37.2
Keokuk	52.8	51.8	47.8	58.3	27.1	63.6	47.3	44.8	36.3
Lee	46.5	45.9	35.0	53.0	19.7	59.8	48.3	51.2	45.7

Louisa	57.7	55.8	47.6	60.4	33.0	62.0	53.3	51.9	46.9
Mahaska	53.7	50.2	47.1	59.8	28.4	64.8	51.1	50.5	43.0
Van Buren	47.6	43.7	35.1	49.9	14.8	56.0	42.8	45.1	37.3
Wapello	48.4	44.7	41.9	51.3	18.7	62.7	45.6	47.6	37.2
Washington	56.8	55.9	52.9	64.5	30.2	66.0	53.4	50.8	44.4
Southeast Avg.	52.0	49.5	43.0	56.2	25.4	62.0	49.1	48.6	41.7
State									
Arithmatic Avg.	54.5	51.5	43.3	56.4	29.4	59.8	47.5	48.3	42.3
		0.9545	-0.1524	0.2809	-0.4649	0.9836	-0.2231	0.0319	-0.1031
	1943	1944	1945	1946	1947	1948	1949	1950	1951
State Average	55.0	52.5	44.5	57.0	30.5	60.5	47.0	48.5	43.5
Time unit	1	2	3	4	5	6	7	8	9
	blkhwk	ia. avg.						Ia trend yld.	
	62.4	54.6	1.0	Corn	Regression Output:			41.1	
	58.9	51.5	2.0	Constant			7.106	42.8	
	50.1	43.3	3.0	Std Err of Y Est			8.234	44.5	
	61.0	56.4	4.0	R Squared			0.924	46.2	
	29.1	29.4	5.0	No. of Observations			51.000	48.0	
	62.7	59.9	6.0	Degrees of Freedom			49.000	49.7	
	47.1	47.4	7.0					51.4	
	49.9	48.2	8.0	X Coefficient(s)		0.991		53.1	
	54.7	42.4	9.0	Std Err of Coef.		0.041		54.9	
	67.1	61.4	10.0					56.6	
	58.0	51.9	11.0					58.3	
	61.3	53.5	12.0		IOWA TREND YIELD			60.0	
	51.5	48.3	13.0					61.7	
	65.8	52.3	14.0		Regression Output:			63.5	
	74.2	60.9	15.0	Constant			39.3	65.2	
	75.8	65.4	16.0	Std Err of Y Est			14.9	66.9	
	72.7	63.9	17.0	R Squared			0.8	68.6	
	62.6	61.6	18.0	No. of Observations			52.0	70.4	
	81.0	74.0	19.0	Degrees of Freedom			50.0	72.1	
	83.7	75.5	20.0					73.8	
	87.2	80.0	21.0	X Coefficient(s)		1.7		75.5	
	79.7	75.5	22.0	Std Err of Coef.		0.1		77.3	
	89.7	80.5	23.0					79.0	
	95.4	87.8	24.0					80.7	
	100.3	86.2	25.0					82.4	
	100.6	91.6	26.0					84.1	
	91.0	96.5	27.0					85.9	
	95.3	85.7	28.0					87.6	
	100.9	101.4	29.0					89.3	
	114.9	114.9	30.0					91.0	
	105.2	105.8	31.0					92.8	
	97.0	77.9	32.0					94.5	
	95.7	88.1	33.0					96.2	
	92.1	91.6	34.0					97.9	
	109.8	82.5	35.0					99.7	
	118.4	112.7	36.0					101.4	

	137.7	125.6	37.0					103.1	
	117.8	108.1	38.0					104.8	
	132.5	124.4	39.0					106.5	
	128.2	116.9	40.0					108.3	
	111.0	81.3	41.0					110.0	
	106.5	109.2	42.0					111.7	
	130.3	125.4	43.0					113.4	
	144.9	133.4	44.0					115.2	
	143.0	127.4	45.0					116.9	
	74.1	79.2	46.0					118.6	
	92.9	113.8	47.0					120.3	
	125.0	124.0	48.0					122.1	
	111.2	115.4	49.0					123.8	
	159.1	144.4	50.0					125.5	
	73.6	76.7	51.0					127.2	
		155.0	52.0					128.9	
			53.0					130.7	
			54.0					132.4	
			55.0					134.1	
			56.0						
			53.0					130.7	
1943			1946			1949			1952
						corn			
						U.S.	Ia.	COLUMN NAMES	
						YLD	yield	YR	
1	Adair		50	Jasper		54.7	63.5	1960.0	
2	Adams		51	Jefferson		62.4	75.5	1961.0	
3	Allamakee		52	Johnson		64.7	77.0	1962.0	
4	Appanoose		53	Jones		67.9	80.0	1963.0	
5	Audubon		54	Keokuk		62.9	77.5	1964.0	
6	Benton		55	Kossuth		74.1	82.0	1965.0	
7	Black Hawk		56	Lee		73.1	89.0	1966.0	
8	Boone		57	Linn		80.1	88.5	1967.0	
9	Bremer		58	Louisa		79.5	93.0	1968.0	
10	Buchanan		59	Lucas		85.9	99.0	1969.0	
11	Buena Vista		60	Lyon		72.4	86.0	1970.0	
12	Butler		61	Madison		88.1	102.0	1971.0	
13	Calhoun		62	Mahaska		97.0	116.0	1972.0	
14	Carroll		63	Marion		91.3	107.0	1973.0	
15	Cass		64	Marshall		71.9	80.0	1974.0	
16	Cedar		65	Mills		86.4	90.0	1975.0	
17	Cerro Gordo		66	Mitchell		88.0	91.0	1976.0	
18	Cherokee		67	Monona		90.8	86.0	1977.0	
19	q		68	Monroe		101.0	115.0	1978.0	
20	Clarke		69	Montgomery		109.5	127.0	1979.0	
21	Clay		70	Muscatine		91.0	110.0	1980.0	
22	Clayton		71	O'Brien		108.5	125.0	1981.0	
23	Clinton		72	Osceola		113.2	120.0	1982.0	
24	Crawford		73	Page		81.1	87.0	1983.0	

25	Dallas		74	Palo Alto		106.7	112.0	1984.0	
26	Davis		75	Plymouth		118.0	126.0	1985.0	
27	Decatur		76	Pocahontas		119.3	135.0	1986.0	
28	Delaware		77	Polk		119.4	130.0	1987.0	
29	Des Moines		78	Pottawattamie		84.6	84.0	1988.0	
30	Dickinson		79	Poweshiek		116.2	118.0	1989.0	
31	Dubuque		80	Ringgold		118.5	126.0	1990.0	
32	Emmet		81	Sac		108.6	117.0	1991.0	
33	Fayette		82	Scott		131.4	147.0	1992.0	
34	Floyd		83	Shelby		100.7	80.0	1993.0	
35	Franklin		84	Sioux		138.6	152.0	1994.0	
36	Fremont		85	Story				1995.0	
37	Greene		86	Tama					
38	Grundy		87	Taylor					
39	Guthrie		88	Union					
40	Hamilton		89	Van Buren					
41	Hancock		90	Wapello					
42	Hardin		91	Warren					
43	Harrison		92	Washington					
44	Henry		93	Wayne					
45	Howard		94	Webster					
46	Humboldt		95	Winnebago					
47	Ida		96	Winneshiek					
48	Iowa		97	Woodbury					
49	Jackson		98	Worth					
			99	Wright					
		95.5	-15.2	28.1	-46.5	98.4	-22.3	3.2	-10.3

1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962
64.5	57.5	55.3	53.1	42.0	63.0	70.6	69.8	66.2	80.9	85.3
59.8	50.4	46.4	48.2	40.7	57.3	67.8	66.5	66.2	77.6	83.4
75.4	60.3	67.3	60.3	70.3	80.5	77.6	82.6	71.8	86.1	86.8
63.1	57.2	55.9	54.6	48.4	66.9	71.9	73.3	71.6	78.8	81.5
68.0	57.9	61.3	58.8	60.2	72.6	74.1	78.5	68.8	79.0	84.1
66.9	54.5	57.1	52.2	42.8	66.0	71.1	67.2	67.2	77.3	80.9
75.0	60.0	55.4	60.5	57.2	75.3	76.4	76.4	71.2	80.8	86.2
62.0	55.8	55.0	53.4	40.6	59.3	71.3	65.4	63.2	77.5	81.3
69.1	49.1	56.0	51.7	52.0	74.8	71.0	64.5	66.6	79.7	85.1
70.5	56.8	54.6	52.8	43.6	65.6	72.1	75.1	67.1	80.4	84.1
73.8	56.9	63.3	58.2	70.9	79.1	78.1	73.9	72.5	82.1	85.9
62.0	56.2	55.6	50.7	42.7	64.4	67.9	66.8	68.5	78.4	81.4
67.5	56.1	56.9	54.5	51.0	68.7	72.5	71.7	68.4	79.9	83.8
71.8	58.2	64.7	54.7	72.6	79.5	79.1	77.1	67.9	86.9	88.1
80.3	63.0	71.3	63.4	73.6	72.3	73.8	76.3	72.3	88.6	91.7
71.9	61.9	65.3	61.8	75.8	78.5	72.4	75.7	71.9	85.8	89.5
70.2	51.1	58.5	53.1	56.7	70.1	71.0	67.1	63.8	79.0	81.5
66.2	58.0	64.9	57.5	69.3	70.7	68.3	70.4	67.9	77.7	80.6
71.8	54.0	59.8	53.9	56.5	54.0	67.5	68.3	62.3	77.7	81.0
71.7	60.6	70.2	59.7	74.0	72.5	73.0	73.2	71.4	85.1	82.3
64.9	55.4	63.7	51.0	71.2	70.2	69.7	66.6	63.4	80.3	75.4
67.7	51.1	61.9	55.6	50.3	57.3	67.1	71.0	60.4	77.4	82.2
73.2	61.4	67.3	66.0	75.3	79.0	75.7	74.8	69.0	85.0	89.0
71.0	57.5	64.8	57.7	67.5	70.4	71.8	72.1	67.0	82.4	84.1
59.4	52.4	59.1	47.3	57.6	60.4	67.3	69.1	56.7	71.7	74.4
63.3	56.3	60.4	46.3	66.5	58.4	62.7	65.0	65.9	73.5	73.3
64.5	55.8	63.8	47.2	70.3	63.8	71.5	64.7	63.3	74.4	77.3
65.6	57.8	61.4	51.7	60.1	64.5	72.7	73.5	64.3	80.6	80.7
66.5	58.2	62.2	55.6	65.0	62.0	60.7	65.0	57.2	76.1	69.1
67.2	58.3	61.6	50.6	43.7	64.4	71.0	69.9	68.7	77.9	81.8
63.5	54.2	60.4	54.9	64.1	61.1	65.4	64.1	63.3	78.5	74.0
64.5	54.5	64.4	47.3	69.3	66.1	67.1	63.5	60.4	73.2	71.9
65.6	57.5	61.5	55.7	72.0	61.3	65.2	66.4	64.0	74.6	73.8
60.5	56.8	61.9	53.1	70.6	61.5	63.7	63.0	60.3	71.2	68.2
62.8	57.8	62.3	52.0	54.7	65.3	72.0	69.9	62.9	76.1	77.4
63.9	56.3	61.7	51.1	63.1	62.6	67.2	66.7	62.5	75.3	74.7
62.9	58.6	63.8	55.3	72.6	61.8	65.1	68.4	62.9	76.5	71.1
67.1	58.0	61.3	51.5	65.8	74.2	75.8	72.7	62.6	81.0	83.7
60.6	61.1	67.7	55.0	67.3	62.3	74.1	69.3	59.4	74.4	71.2
61.5	56.5	65.1	50.7	66.4	69.6	72.5	66.9	55.1	76.8	70.6
53.3	54.8	60.3	49.6	68.3	57.3	68.9	59.0	54.2	66.8	64.2
66.1	60.7	64.0	55.4	67.0	62.5	63.4	66.7	58.6	74.3	62.8
61.4	59.4	70.4	54.4	70.2	69.7	71.5	66.9	60.3	77.5	72.1
70.7	63.5	68.2	56.5	70.1	70.8	69.1	69.9	69.3	79.2	75.3
57.4	59.9	66.5	54.4	70.0	61.2	69.3	63.8	57.5	73.2	58.7
51.6	42.9	49.1	37.4	64.8	55.4	54.0	57.7	39.6	63.5	54.7
64.7	59.0	63.3	52.5	69.9	60.0	59.3	64.5	55.8	70.5	62.1
61.6	57.7	63.6	52.1	68.4	64.1	67.5	66.0	57.8	74.0	67.9
66.9	60.1	62.7	45.8	33.4	59.0	63.6	69.1	73.6	83.1	77.8
66.9	61.6	63.0	53.0	23.7	65.2	56.6	63.7	71.2	81.4	81.5

65.4	56.2	62.7	44.6	53.4	55.6	50.4	61.3	65.0	76.3	75.3
57.5	54.4	61.0	46.6	55.7	57.4	50.7	43.1	61.5	64.8	63.1
63.6	59.4	65.7	50.0	66.4	63.4	59.7	53.7	63.9	76.2	71.1
52.0	52.5	56.8	43.5	43.8	57.7	42.3	49.5	59.8	64.7	68.1
65.4	61.8	66.1	54.3	46.6	62.7	55.0	61.2	71.0	77.9	77.7
57.7	48.1	62.3	50.2	56.8	60.7	55.4	51.8	63.2	67.7	70.2
62.7	46.7	58.6	45.9	58.5	50.0	52.7	60.5	64.2	72.8	69.0
55.9	51.5	50.9	37.0	19.2	55.1	50.3	56.3	51.1	70.5	74.4
63.0	53.6	56.9	45.5	35.8	56.6	64.4	66.8	66.6	77.4	76.1
62.1	57.2	60.5	47.1	39.3	57.4	48.0	55.4	69.2	70.5	79.4
61.6	55.3	60.6	47.0	44.4	58.4	54.1	57.7	65.0	73.6	73.6
58.5	46.2	42.8	40.9	50.6	52.1	64.6	62.6	62.2	69.3	74.6
56.8	48.2	33.4	32.7	52.1	50.5	63.5	59.8	57.7	64.6	73.4
62.2	49.6	35.6	48.0	51.1	53.1	62.5	64.7	67.1	73.9	81.7
51.7	49.1	35.7	36.3	30.9	54.9	62.1	58.1	64.9	69.2	73.5
58.7	49.3	33.0	29.3	36.8	53.6	61.6	61.7	63.9	67.0	76.8
61.4	50.8	32.3	38.5	44.5	55.8	62.3	56.8	64.0	70.3	79.6
57.0	50.1	29.3	32.9	42.4	50.7	61.5	57.0	63.6	64.8	71.2
61.1	47.4	34.0	37.9	39.5	57.1	64.8	64.4	66.9	69.4	79.9
47.4	42.9	32.4	30.8	49.5	41.7	54.7	50.6	49.7	59.7	64.7
57.2	48.2	34.3	36.4	44.2	52.2	62.0	59.5	62.2	67.6	75.0
69.2	51.8	43.1	41.9	44.7	55.0	68.2	66.1	66.9	79.6	81.7
61.3	52.5	54.1	50.6	28.1	62.2	68.1	65.8	72.6	81.6	81.7
65.8	50.4	53.2	46.6	40.3	59.6	73.6	65.1	73.6	81.2	83.5
62.8	50.6	53.0	42.5	36.3	58.0	65.6	65.1	70.3	76.1	78.9
63.0	53.2	49.0	51.4	48.2	57.5	72.5	63.2	69.9	80.8	83.2
58.8	47.2	42.4	44.3	41.5	51.6	63.2	63.4	61.2	75.2	77.1
53.5	43.8	42.6	32.4	41.1	57.4	66.1	61.2	61.2	72.4	79.6
66.9	55.8	57.4	47.7	20.7	59.8	65.5	65.3	74.1	82.0	83.6
48.7	46.3	40.9	31.7	36.7	56.1	64.0	61.2	55.4	70.5	68.5
67.0	55.0	59.6	52.6	26.6	58.7	70.4	66.3	77.3	81.6	80.1
71.2	52.8	51.7	41.7	47.7	61.4	71.9	71.1	77.1	79.8	83.7
54.0	46.8	44.5	31.1	24.6	56.6	59.2	58.1	59.8	70.1	68.2
61.9	50.5	49.3	42.9	36.4	57.8	67.4	64.3	68.3	77.6	79.2
47.9	35.3	31.9	38.9	46.9	47.7	58.6	54.2	48.4	63.3	61.4
45.6	36.4	30.2	40.8	42.1	50.3	59.2	49.8	47.7	57.0	61.2
43.5	37.9	29.8	43.0	44.9	49.3	51.7	41.0	44.3	52.8	54.3
45.5	33.0	34.9	42.0	47.9	52.8	55.0	48.3	49.3	57.8	61.0
56.9	46.3	40.4	44.0	45.4	52.4	67.2	64.3	64.2	73.7	77.7
57.7	44.7	43.0	43.6	38.7	59.8	65.9	57.8	57.2	72.2	75.0
46.4	35.0	31.2	44.7	50.6	52.6	51.9	48.6	45.1	58.4	57.5
44.4	39.0	32.6	39.3	49.4	48.0	58.2	48.1	44.8	53.6	58.1
49.8	43.5	35.7	33.9	48.2	46.8	62.6	53.8	54.3	58.9	65.7
53.9	42.9	40.8	42.7	42.7	54.6	63.9	57.4	55.6	67.8	71.4
47.0	37.2	26.6	36.6	46.5	47.9	54.2	48.7	49.9	57.4	57.6
49.0	39.2	34.3	40.9	45.8	51.1	58.9	52.0	51.0	61.2	63.7
47.7	34.3	44.0	41.7	43.2	51.2	55.8	52.9	40.7	63.9	66.2
66.9	53.3	64.7	61.2	70.1	70.3	78.0	76.6	64.2	85.4	90.4
62.7	50.3	58.8	54.5	59.8	63.1	68.7	69.8	55.1	74.6	79.4
55.9	45.2	50.2	49.4	50.5	59.8	62.8	60.7	46.2	67.1	69.2
60.2	42.3	49.6	52.3	47.1	67.9	69.2	64.8	56.4	72.3	76.0
51.7	46.1	54.9	46.5	57.7	57.6	67.9	65.6	43.3	73.1	77.8

64.2	50.4	61.2	54.5	56.0	61.9	70.1	67.7	54.4	79.3	78.6
63.8	45.3	47.2	51.1	43.9	67.0	69.6	64.2	58.4	73.8	82.5
53.2	40.6	49.1	40.9	46.9	56.0	63.2	61.1	43.6	66.7	74.4
56.6	42.3	46.5	53.1	53.1	61.4	65.9	63.0	46.2	67.9	69.6
64.5	48.2	58.6	52.5	49.5	62.5	71.0	66.5	55.9	78.9	80.0
58.9	45.3	53.2	50.7	52.5	61.7	67.5	64.8	51.3	73.0	76.7
61.4	51.8	53.2	48.1	52.6	60.8	65.4	63.9	61.5	73.8	75.4
0.4368	-0.1520	0.0283	-0.1101	0.0928	0.1698	0.0645	-0.0152	-0.0231	0.1890	0.0199
1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962
62.5	53.0	54.5	48.5	53.0	62.0	66.0	65.0	63.5	75.5	77.0
10	11	12	13	14	15	16	17	18	19	20

		1955			1958			1961		
				75.5	77.0	80.0	77.5	82.0	89.0	88.5
		Regression Output:								
	Constant			1.7						
	Std Err of Y Est			7.4						
	R Squared			0.882						
	No. of Observations			35.0						
	Degrees of Freedom			33.0						
	X Coefficient(s)		0.88989							
	Std Err of Coef.		0.05656							

43.7	-15.2	2.8	-11.0	9.3	17.0	6.5	-1.5	-2.3	18.9	2.0

1963	1964	1965	1966	**1967**	**1968**	**1969**	**1970**	**1971**	**1972**	**1973**
86.7	92.5	82.8	93.4	99.2	107.7	106.0	102.3	107.4	134.7	120.6
88.0	90.1	80.1	94.1	81.6	92.7	103.0	100.1	107.3	130.0	109.3
89.8	90.7	93.2	102.6	104.0	108.2	99.0	101.3	112.5	125.0	114.4
87.2	85.1	85.9	94.9	101.6	108.9	97.0	101.8	110.8	127.2	116.5
86.2	87.7	90.5	99.0	101.6	107.5	104.0	100.6	113.1	124.0	112.4
82.2	83.0	85.0	86.5	84.5	96.8	103.0	94.5	112.1	120.5	112.4
89.0	88.3	89.8	95.3	96.1	106.5	110.0	97.1	108.6	124.9	115.5
84.0	86.8	83.5	87.5	84.4	93.3	102.0	95.7	103.2	119.0	112.4
88.8	80.9	87.0	91.5	84.6	93.0	93.0	87.6	107.3	114.0	106.2
87.6	88.1	86.9	88.4	96.6	103.4	106.0	98.0	107.8	125.4	118.6
89.1	88.8	90.8	98.2	98.9	104.2	100.0	96.3	106.6	119.8	110.3
83.3	87.0	84.6	95.2	100.3	108.9	98.0	104.1	107.0	126.8	110.3
86.8	87.4	86.7	93.9	94.5	102.6	101.8	98.3	108.6	124.3	113.2
88.6	85.8	92.1	95.8	101.2	103.8	103.0	94.4	107.8	118.8	103.1
90.3	92.2	98.1	95.9	103.5	106.8	111.0	76.2	120.9	119.1	107.0
86.5	90.1	97.2	90.9	105.5	101.5	112.0	81.5	111.5	112.4	99.5
84.9	78.1	84.3	90.3	91.1	95.8	93.0	85.2	112.0	111.1	104.1
80.3	82.6	88.0	86.7	92.9	95.6	97.0	84.6	100.2	103.1	95.6
83.9	84.4	88.0	88.2	97.2	97.9	100.0	83.1	111.8	113.0	103.1
87.9	85.0	91.9	93.7	101.9	105.8	98.0	92.8	106.1	113.0	100.0
85.3	82.1	92.1	91.2	101.6	104.4	94.0	92.8	106.5	115.2	94.9
84.2	88.6	91.5	89.2	99.6	88.7	103.0	74.4	108.0	115.8	104.0
82.1	88.1	95.3	96.8	101.7	96.0	110.0	67.5	115.7	115.6	106.0
85.4	85.7	91.9	91.9	99.6	99.6	102.1	83.3	110.1	113.7	101.7
78.3	71.3	79.3	87.8	91.6	97.2	82.0	92.4	98.4	112.8	100.0
76.3	75.1	81.4	95.3	97.0	105.6	98.0	101.6	104.0	115.2	105.2
81.9	52.8	80.9	87.8	95.6	98.2	96.0	102.2	101.9	114.5	104.1
84.2	85.8	87.1	100.1	97.0	105.4	104.0	100.4	113.0	121.8	113.4
78.6	88.2	83.1	95.3	93.8	105.6	108.0	99.9	111.5	124.0	107.2
85.7	85.5	87.2	98.8	93.6	106.3	109.0	91.4	112.4	116.7	114.4
77.4	89.5	83.1	100.0	95.5	107.9	114.0	100.7	112.3	117.2	115.5
78.7	36.3	80.2	90.6	82.3	92.1	94.0	101.0	89.5	111.7	107.2
77.0	81.7	78.4	100.5	97.6	103.9	110.0	109.6	103.3	116.5	110.3
77.6	60.3	79.6	94.1	92.0	97.4	99.0	106.1	101.2	115.0	109.3
86.2	88.3	85.5	98.8	95.2	108.0	105.0	104.2	114.4	124.4	114.4
80.2	74.1	82.3	95.4	93.7	102.5	101.7	100.9	105.6	117.3	109.2
79.2	60.3	73.9	87.4	76.4	90.3	101.0	96.1	100.2	109.2	108.3
87.2	79.7	89.7	95.4	100.3	100.6	91.0	95.3	100.9	114.9	105.2
84.2	68.3	82.9	87.6	94.2	96.8	92.0	95.5	97.6	111.8	103.1
87.3	78.2	86.4	90.3	98.2	96.3	96.0	95.6	100.2	115.8	103.1
80.4	49.3	72.8	82.8	82.1	89.7	85.0	93.8	90.7	107.4	100.0
78.4	61.3	75.5	86.2	86.0	95.0	97.0	94.6	102.2	111.1	107.2
85.5	76.8	84.1	84.5	95.6	99.2	94.0	95.3	98.7	114.3	101.0
82.4	77.5	82.4	88.0	93.4	98.7	94.0	94.6	99.4	105.0	100.0
82.6	62.5	79.6	89.9	89.4	94.9	94.0	95.7	100.4	109.8	109.3
74.4	42.5	65.0	79.0	68.5	77.5	84.0	92.7	78.1	100.6	99.0
74.3	51.5	62.9	79.6	73.8	86.0	90.0	91.7	91.9	102.4	102.1
81.4	64.4	77.7	86.4	87.1	93.2	92.5	94.6	96.4	109.3	103.5
81.5	82.9	63.9	84.8	93.4	102.8	102.0	84.0	105.5	120.0	113.4
71.6	75.9	67.7	85.0	88.0	90.0	105.0	70.3	101.4	117.8	113.4

79.0	79.0	68.5	86.6	75.1	93.9	107.0	81.9	103.3	118.2	108.3
78.9	75.3	57.4	90.5	72.5	85.7	103.0	90.5	96.4	110.5	107.2
79.2	79.8	69.3	97.5	85.9	106.6	106.0	102.0	108.6	116.8	118.6
63.4	67.3	72.0	71.8	75.5	68.7	104.0	51.5	85.7	110.8	105.2
72.3	72.7	73.3	85.1	73.0	76.0	117.0	73.3	102.0	122.4	123.7
76.7	70.0	68.8	79.8	79.9	72.7	111.0	82.4	96.3	119.6	105.2
79.1	80.8	75.6	90.3	84.3	109.2	104.0	88.9	110.6	116.9	113.4
57.4	62.9	75.5	87.6	82.7	69.3	89.0	57.0	84.7	111.9	97.9
85.8	85.3	69.6	91.6	88.0	109.8	107.0	88.6	110.4	122.0	118.6
55.7	65.5	83.6	78.6	73.2	68.3	101.0	52.6	89.0	110.4	107.2
73.4	74.8	70.4	85.8	81.0	87.8	104.7	76.9	99.5	116.4	111.0
82.2	72.4	75.6	82.9	78.0	84.0	90.0	84.1	97.0	109.0	104.1
75.7	66.1	72.3	89.2	75.7	93.3	89.0	76.4	96.0	105.9	101.0
75.5	64.1	85.1	87.8	83.3	71.1	94.0	85.7	97.6	109.9	106.2
82.7	71.3	79.9	88.6	93.1	65.0	100.0	92.7	102.4	117.9	108.3
76.0	72.8	81.7	82.5	83.3	68.9	104.0	81.6	93.0	113.7	108.3
83.3	70.8	83.6	89.6	86.9	70.8	97.0	74.0	96.7	108.7	105.2
82.8	63.1	82.5	83.6	80.3	59.6	93.0	75.8	99.2	111.0	102.1
69.4	69.6	86.5	89.9	86.8	77.4	106.0	89.0	100.1	115.1	107.2
72.2	60.6	64.3	78.8	66.9	89.6	81.0	67.7	92.6	104.5	98.5
77.8	67.9	79.1	85.9	81.6	75.5	94.9	80.8	97.2	110.6	104.5
82.8	74.6	83.5	79.3	76.2	78.5	99.0	74.9	94.3	109.2	103.1
84.4	85.5	78.3	88.8	93.9	107.5	101.0	89.3	91.6	126.0	106.2
83.0	87.9	83.1	90.6	81.1	100.5	98.0	83.5	85.0	116.8	107.2
76.9	77.4	81.0	85.2	80.3	85.2	98.0	65.3	88.6	106.9	105.2
83.9	91.9	81.3	96.4	93.1	102.1	106.0	93.4	93.2	131.1	112.4
82.5	80.7	81.7	81.9	81.8	83.1	92.1	79.8	92.4	112.4	105.2
72.6	76.3	90.6	95.5	87.4	89.9	108.0	73.0	95.9	114.2	104.1
78.9	81.6	76.4	90.6	92.3	79.8	104.0	65.5	100.7	117.0	108.3
73.4	70.6	83.4	90.5	71.6	80.3	101.0	54.8	96.1	113.0	103.1
81.0	84.2	69.1	86.7	90.8	98.3	100.0	67.5	88.8	115.7	111.3
76.3	77.2	92.5	87.6	84.3	76.2	101.0	75.5	94.1	116.5	110.3
65.3	68.5	74.6	87.6	76.5	59.5	95.0	53.0	87.9	112.7	101.0
78.4	79.7	81.3	88.4	84.1	86.7	100.3	73.0	92.4	116.0	106.5
72.7	63.0	69.6	80.4	62.1	77.9	83.0	62.1	83.3	103.9	91.8
72.5	64.0	63.2	83.5	54.0	87.0	68.0	79.8	91.0	103.9	92.8
68.5	60.5	65.2	80.2	61.1	87.8	73.0	76.4	87.4	104.1	90.7
67.9	61.4	65.4	78.9	66.4	83.1	78.0	87.1	88.4	103.1	86.6
86.4	84.2	78.0	87.6	68.3	89.6	88.0	90.7	99.9	112.7	104.1
83.2	76.3	81.6	83.0	70.6	86.7	83.0	89.8	102.4	114.1	104.1
67.3	59.2	66.9	76.1	54.1	76.0	69.0	79.0	90.8	103.6	86.9
66.7	57.3	64.7	77.4	65.4	92.6	72.0	74.2	94.6	103.6	99.0
75.3	59.3	65.0	81.4	66.3	92.3	80.0	77.5	90.8	102.3	96.9
82.3	77.5	76.9	83.2	75.0	89.3	77.0	91.2	103.1	118.3	106.9
71.9	66.3	67.8	79.6	67.9	85.7	77.8	79.3	96.4	108.9	94.9
74.1	66.3	69.5	81.0	64.7	86.2	77.2	80.6	93.5	107.1	95.9
68.1	65.2	68.8	78.4	62.8	73.7	78.0	61.4	97.1	106.4	93.8
94.8	88.0	98.5	89.4	108.1	93.3	102.0	93.9	122.7	130.2	116.5
84.9	82.4	90.8	78.4	98.0	87.9	99.0	84.8	116.6	122.3	106.2
82.2	74.4	85.0	74.5	91.9	89.6	92.0	81.3	108.1	113.5	100.0
85.5	77.3	87.2	84.1	86.1	90.7	89.0	88.5	115.6	118.5	107.2
81.7	78.6	90.1	75.8	92.6	89.2	90.0	75.5	105.7	116.2	101.0

84.9	82.6	93.9	83.7	100.2	90.9	101.0	87.7	112.9	124.2	111.3
82.4	78.7	86.4	87.3	77.5	91.4	88.0	93.3	110.4	116.1	105.2
80.2	73.4	84.5	77.3	87.4	81.2	84.0	71.8	93.7	106.4	99.0
77.8	75.3	80.3	77.8	85.6	85.8	88.0	91.0	108.8	116.5	104.1
84.3	81.1	90.9	83.0	94.7	95.3	101.0	83.1	115.1	118.6	106.2
82.4	77.9	86.9	80.9	89.5	88.1	92.0	82.9	109.7	117.2	104.6
80.0	75.3	80.6	87.7	86.2	91.4	96.3	85.7	101.4	114.7	105.6
0.0390	-0.0313	0.0581	0.0854	-0.0056	0.0508	0.0645	-0.1313	0.1860	0.1373	-0.0776
1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973
80.0	77.5	82.0	89.0	88.5	93.0	99.0	86.0	102.0	116.0	107.0
21	22	23	24	25	26	27	28	29	30	31

1964			1967			1970			1973	
93.0	99.0	86.0	102.0	116.0	107.0	80.0	90.0	91.0	86.0	115.0

3.9	-3.1	5.8	8.5	-0.6	5.1	6.5	-13.1	18.6	13.7	-7.8

1974	**1975**	**1976**	**1977**	**1978**	**1979**	**1980**	**1981**	**1982**	**1983**	**1984**
99.9	103.4	102.1	33.6	120.8	141.8	118.8	121.8	128.7	111.4	120.8
82.5	85.7	104.0	52.3	106.6	135.7	96.9	134.8	126.5	89.0	114.7
106.4	108.9	109.0	97.7	119.3	137.3	122.4	131.7	130.4	118.0	108.7
95.3	100.7	101.0	77.1	119.5	140.6	125.3	141.1	130.0	104.4	113.6
104.3	106.2	103.8	85.3	114.8	138.9	120.7	129.2	132.0	116.4	124.0
84.8	93.9	107.8	51.4	112.6	125.9	102.9	123.8	124.8	82.6	127.2
104.3	104.1	104.8	42.5	111.2	132.1	119.3	120.8	129.4	109.8	122.7
75.0	86.9	108.0	61.3	112.4	128.1	100.0	133.5	124.6	93.5	121.1
80.3	88.0	101.9	77.6	110.4	126.4	110.7	120.9	122.1	76.0	115.8
99.9	101.6	106.6	32.4	116.5	139.4	126.5	129.4	131.9	114.3	119.5
99.8	99.8	99.1	86.7	116.7	132.8	114.2	124.3	125.0	108.7	121.1
101.8	96.2	97.3	84.3	128.5	140.4	127.0	141.7	130.6	111.0	107.9
94.5	98.0	103.8	65.2	115.8	135.0	115.4	129.4	128.0	102.9	118.1
99.0	92.2	92.3	83.6	120.6	134.1	105.7	126.1	125.1	90.8	121.2
95.5	110.3	117.1	123.7	129.5	144.1	124.6	141.4	138.1	90.9	134.7
76.0	107.6	95.6	109.1	114.8	130.5	123.0	134.5	131.2	87.9	113.6
78.6	85.4	107.2	74.0	110.2	129.6	113.0	126.6	119.8	69.2	123.4
67.9	95.3	80.0	99.3	108.1	117.3	115.0	120.7	123.6	77.1	110.5
86.4	91.7	114.8	105.7	117.6	133.3	106.8	133.9	125.1	76.7	117.7
87.0	105.0	85.8	103.0	119.6	132.4	124.5	134.4	132.0	89.0	131.1
90.0	92.8	95.1	96.3	115.7	130.3	114.5	131.8	129.2	77.4	126.6
87.7	106.4	116.2	115.1	112.8	129.9	119.6	131.8	130.9	91.1	127.1
82.4	115.0	116.6	119.8	123.1	134.3	132.4	140.5	135.7	97.4	127.4
85.1	100.2	102.1	103.0	117.2	131.6	117.9	132.2	129.1	84.8	123.3
85.0	88.5	90.1	92.4	111.3	127.2	124.3	127.0	123.9	104.5	113.7
87.8	93.3	93.9	104.3	120.0	131.8	130.2	134.1	126.9	109.3	111.9
71.3	78.8	89.0	110.2	116.7	131.3	126.3	129.4	119.7	97.3	115.7
99.4	105.6	103.6	86.8	120.4	132.2	131.8	133.9	127.6	108.1	117.3
91.4	95.0	98.8	112.9	125.3	130.9	127.7	140.9	126.3	99.6	108.8
95.3	102.3	96.0	98.9	127.6	126.4	119.7	141.0	132.7	98.2	112.7
98.9	102.5	94.5	101.6	124.8	130.3	131.9	138.0	133.5	98.4	117.4
60.4	79.3	73.1	107.5	111.7	124.4	120.5	118.7	121.4	96.0	115.5
82.3	91.7	88.8	107.2	121.3	125.4	115.5	130.0	123.2	98.0	117.6
82.8	93.0	84.7	105.0	120.9	130.0	120.7	118.6	126.9	102.9	117.1
97.0	104.1	101.4	104.9	126.4	136.2	118.4	145.0	129.9	101.6	117.0
86.5	94.0	92.2	102.9	120.6	129.6	124.3	132.4	126.5	101.3	115.0
87.9	97.7	87.4	118.5	118.1	124.0	114.5	127.2	116.3	109.6	112.7
97.0	95.7	92.1	109.8	118.4	137.7	117.8	132.5	128.2	111.0	106.5
95.3	90.0	88.9	116.0	122.0	130.9	123.1	135.0	124.5	113.6	115.2
97.9	100.6	99.7	108.4	122.0	140.6	126.5	133.3	130.0	100.4	118.4
74.9	79.2	74.1	111.8	115.3	128.7	122.3	124.2	111.2	97.2	103.4
92.6	99.5	92.6	117.6	118.1	125.7	116.0	126.0	123.8	106.6	116.4
90.7	103.1	99.6	108.8	117.5	134.5	124.6	134.5	131.9	89.0	118.2
84.8	99.7	95.5	103.6	114.1	129.8	122.0	123.8	129.5	95.6	124.4
93.7	93.8	97.3	113.0	119.9	132.4	125.5	132.8	129.5	106.8	115.8
52.7	63.3	75.2	113.0	114.6	122.0	120.4	124.7	106.9	95.7	108.4
81.7	82.1	80.3	110.6	115.1	118.5	117.7	122.0	108.6	107.3	112.8
86.3	91.3	89.3	111.9	117.7	129.5	120.9	128.7	121.9	103.0	113.8
92.2	99.6	74.2	119.9	127.5	129.0	121.8	129.9	124.9	81.4	98.3
84.3	93.0	69.6	106.3	122.8	126.0	111.9	122.6	123.5	89.8	116.4

71.0	95.9	85.6	112.2	117.3	129.3	126.3	134.7	113.5	84.4	104.2
60.2	87.6	67.1	97.0	120.0	121.9	125.5	131.1	118.1	84.5	114.7
89.8	100.6	80.0	108.2	125.7	127.4	139.1	143.7	125.2	89.0	101.9
47.4	74.0	57.3	95.1	110.3	114.8	103.0	110.9	104.6	85.6	103.5
77.3	97.3	92.1	112.1	120.5	127.7	129.3	128.3	116.7	95.7	113.0
52.6	91.2	76.2	109.9	120.6	117.3	124.8	126.8	120.3	88.7	112.1
93.0	94.8	86.9	102.9	119.3	125.2	134.4	136.6	126.5	87.5	100.1
61.9	66.5	53.0	89.0	115.7	116.8	83.8	102.1	109.3	80.1	112.6
98.1	99.4	84.5	106.7	131.4	133.3	123.1	139.6	131.5	83.3	101.4
69.9	73.6	61.7	90.2	111.3	122.0	110.2	115.8	109.2	90.4	115.1
74.8	89.5	74.0	104.1	120.2	124.2	119.4	126.8	118.6	86.7	107.8
57.3	64.6	100.1	50.1	103.7	114.7	89.7	121.0	102.2	77.3	97.4
42.5	57.6	101.6	60.8	95.5	116.4	78.4	119.6	95.3	60.1	70.0
50.8	66.0	103.9	76.3	109.6	122.9	88.4	116.2	110.4	91.3	107.0
50.7	71.5	103.5	55.0	95.8	116.7	93.8	120.1	94.7	85.2	96.5
51.7	79.1	95.4	56.3	107.3	122.3	99.0	117.0	103.1	90.0	98.2
55.8	70.9	102.6	74.1	103.0	126.7	84.5	117.1	98.0	82.2	87.7
44.1	70.7	99.6	66.6	97.2	113.4	73.5	117.4	93.5	73.0	73.2
43.7	69.5	94.7	86.3	119.0	127.1	98.4	112.1	115.7	85.4	117.0
32.5	55.0	82.3	65.8	88.7	109.0	65.4	115.0	82.3	44.6	60.6
47.7	67.2	98.2	65.7	102.2	118.8	85.7	117.3	99.5	76.6	89.7
61.0	70.5	77.7	62.6	107.9	120.2	90.6	115.4	112.0	89.6	101.6
97.8	94.9	85.6	83.8	123.3	138.7	123.4	135.0	127.8	101.2	104.4
79.6	83.1	72.9	50.6	110.7	123.8	98.1	124.6	114.2	87.8	109.3
62.5	83.0	52.8	64.3	112.1	106.6	67.8	94.7	110.4	80.0	110.6
89.0	95.3	93.6	37.8	119.6	141.4	112.9	136.2	127.3	104.4	121.2
62.0	72.5	85.5	55.9	107.0	123.6	96.4	120.3	112.3	84.5	109.0
52.4	84.1	75.7	73.5	115.2	118.7	80.0	92.4	109.7	87.1	103.1
82.1	96.3	62.7	102.6	118.6	110.9	71.8	108.6	120.1	92.5	117.9
57.0	83.2	53.7	85.2	114.3	101.2	73.8	93.0	111.7	75.0	101.3
86.5	88.5	55.4	88.6	113.4	123.7	85.8	119.8	117.4	85.0	108.2
63.2	77.3	80.0	66.2	118.9	126.9	87.4	104.6	117.9	81.2	117.8
62.8	82.9	61.4	99.2	115.1	104.2	67.7	93.2	111.5	75.0	108.1
71.3	84.3	71.4	72.5	114.7	120.0	88.0	111.5	116.0	86.9	109.4
68.6	73.3	87.3	60.6	90.7	116.2	86.8	107.6	85.0	19.1	89.3
52.1	78.4	94.2	40.9	97.1	97.7	83.7	114.4	79.6	27.1	61.2
60.5	72.5	93.5	50.1	101.9	102.2	83.3	113.7	89.5	28.1	84.2
55.2	67.9	91.5	42.3	93.2	102.3	90.7	114.8	81.6	33.3	83.9
60.8	67.0	95.7	36.0	104.2	110.1	98.9	124.1	100.4	73.4	88.6
76.9	87.1	97.6	18.3	104.9	118.3	92.0	127.5	105.8	61.0	109.0
60.0	72.4	90.9	45.0	90.5	107.1	94.3	114.5	78.6	29.8	91.6
39.1	65.4	88.6	46.0	100.0	106.2	54.8	117.8	82.9	45.7	60.1
44.5	63.5	93.6	40.3	92.9	108.8	80.7	116.6	90.4	64.0	81.5
70.1	79.1	98.0	27.2	105.2	121.2	100.0	128.6	103.1	60.3	100.6
69.4	75.2	93.2	53.7	100.9	111.5	95.3	111.6	79.9	22.7	73.8
59.7	72.9	93.1	41.9	98.3	109.2	87.3	117.4	88.8	42.2	84.0
76.6	75.2	89.4	47.8	96.6	118.3	105.5	106.5	95.7	21.4	101.5
100.1	108.0	111.5	96.8	108.8	138.7	116.1	138.9	134.2	67.6	134.4
98.0	105.1	116.3	94.2	110.3	138.2	118.9	133.9	126.9	47.1	114.3
83.0	88.9	107.1	76.7	105.6	128.8	101.3	121.8	118.2	32.2	118.8
91.8	89.8	108.1	68.3	113.7	134.9	115.9	127.0	122.6	38.9	123.3
88.3	90.6	94.9	57.6	98.8	138.6	108.1	115.8	125.2	40.7	122.9

98.2	103.2	108.3	106.5	109.2	137.2	122.7	135.7	131.5	63.5	130.3
90.1	87.0	102.3	48.9	103.8	128.1	108.1	121.5	117.6	50.0	118.4
79.4	84.5	89.2	45.8	94.6	115.5	93.1	103.2	105.5	30.0	107.1
91.9	92.9	109.7	82.6	103.2	131.7	104.6	130.0	116.7	32.6	112.0
85.2	92.3	112.5	96.9	112.8	138.4	124.5	130.3	130.5	61.1	123.3
89.3	92.5	104.5	74.7	105.2	131.7	110.8	124.1	120.4	44.1	118.8
77.3	87.8	92.1	82.4	112.4	125.5	107.7	124.4	116.5	80.9	108.9
-0.2523	0.1250	0.0111	-0.0549	0.3372	0.1043	-0.1339	0.1364	-0.0400	-0.2750	0.2874
1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
80.0	90.0	91.0	86.0	115.0	127.0	110.0	125.0	120.0	87.0	112.0
32	33	34	35	36	37	38	39	40	41	42

	1976			1979			1982			1985
127.0	110.0	125.0	120.0	87.0	112.0	126.0	135.0	130.0	84.0	118.0

-25.2	12.5	1.1	-5.5	33.7	10.4	-13.4	13.6	-4.0	-27.5	28.7

1985	**1986**	**1987**	**1988**	**1989**	**1990**	**1991**	**1992**	**1993**	**1994**	**1995**
125.2	144.9	142.9	86.8	130.5	118.8	123.4	163.8	84.0	165.3	149.9
113.6	132.1	140.0	88.2	139.5	127.5	124.3	153.6	95.4	156.6	134.7
127.9	125.2	140.2	89.9	95.5	117.6	121.6	160.1	77.4	147.9	133.9
140.1	146.8	143.4	80.4	154.4	120.3	123.5	164.5	74.6	166.4	145.5
146.0	142.1	143.4	83.7	116.9	123.6	122.1	164.7	77.1	156.2	141.8
123.9	127.4	138.4	76.0	115.8	126.0	114.1	149.1	96.4	157.1	130.5
131.7	133.7	143.2	70.5	121.5	127.1	127.4	154.3	85.7	151.7	134.8
116.6	126.0	144.5	86.4	128.2	124.3	111.2	155.0	94.7	167.0	142.9
120.1	121.9	129.9	51.6	108.6	124.2	105.6	136.4	79.0	149.0	112.9
127.1	135.6	145.1	85.3	126.9	116.3	122.9	160.5	78.0	155.4	140.5
123.6	131.7	137.0	89.9	100.9	122.4	113.4	142.5	81.4	142.3	120.5
135.2	143.3	144.8	94.1	149.9	125.0	122.0	164.0	83.0	170.8	148.0
127.6	134.2	141.1	81.9	124.1	122.8	119.3	155.7	83.9	157.1	136.3
113.1	134.3	138.0	57.4	107.3	120.5	93.2	140.9	84.8	143.7	117.8
134.7	144.0	120.6	61.3	131.8	136.5	108.6	147.7	91.3	157.5	121.4
116.1	135.1	109.3	53.3	122.2	137.3	105.8	142.0	100.7	159.9	130.7
128.3	130.6	123.9	32.0	104.8	124.9	106.9	131.0	79.3	151.6	103.4
105.0	129.8	115.5	45.1	113.6	130.5	90.0	117.8	88.4	146.0	108.4
114.9	127.5	110.3	46.2	101.5	127.2	97.3	134.4	78.6	155.5	104.0
125.3	145.3	124.2	49.9	109.0	129.0	110.1	135.7	85.2	152.7	117.7
114.7	136.8	126.0	48.1	114.9	127.5	95.0	141.9	81.9	154.1	114.1
120.4	134.0	99.1	53.0	106.0	125.9	93.3	141.1	80.0	160.8	118.9
129.1	144.6	124.3	64.0	133.0	135.4	113.5	148.3	106.0	164.8	131.3
120.2	136.2	119.1	51.0	114.4	129.5	101.4	138.1	87.6	154.7	116.8
132.5	134.2	131.6	94.2	94.3	129.5	125.6	152.3	73.9	140.0	125.1
125.8	144.7	133.0	100.2	97.0	136.8	120.0	143.7	64.8	147.6	127.1
131.2	140.9	131.7	83.8	83.3	138.7	124.6	144.3	73.0	142.5	125.0
140.3	148.1	141.4	110.5	128.0	130.8	117.3	158.9	65.7	148.5	132.2
139.4	149.4	137.1	115.0	126.0	138.0	110.4	151.1	74.9	153.4	127.9
125.0	140.2	143.4	107.0	149.1	126.4	108.5	164.8	75.0	159.1	139.3
142.4	152.6	146.3	122.0	144.4	138.8	108.7	157.5	74.8	156.8	131.7
123.0	144.2	127.4	82.4	129.0	144.3	125.4	137.9	68.0	147.6	134.0
130.5	142.6	139.4	118.6	129.2	139.6	108.9	146.9	67.7	151.4	126.8
133.9	141.6	135.0	98.9	130.0	142.7	117.6	137.4	63.1	147.3	127.9
133.2	150.4	143.2	111.3	148.7	133.9	111.9	162.9	73.9	156.0	138.0
132.5	144.4	137.2	104.0	123.5	136.3	116.3	150.7	70.4	150.0	130.5
114.6	138.7	136.2	66.1	122.2	132.7	132.6	129.4	83.2	146.4	117.0
130.3	144.9	143.0	74.1	92.9	125.0	111.2	156.3	73.6	152.0	129.7
137.7	142.5	137.6	70.5	99.3	133.6	130.9	155.8	79.7	151.0	129.2
117.0	145.6	141.4	75.3	113.6	133.3	123.5	151.1	76.6	150.8	114.8
115.0	136.3	133.0	69.0	98.8	130.0	130.1	140.6	71.0	143.6	124.3
120.8	146.6	139.0	66.9	134.0	141.4	133.7	134.7	89.9	146.3	119.8
114.0	150.4	139.0	64.9	122.5	138.9	125.4	141.5	77.3	155.1	119.8
120.1	147.5	131.2	64.2	108.6	136.5	130.0	134.4	84.8	149.8	119.3
122.5	143.6	141.6	79.0	123.1	135.9	136.6	143.9	80.4	143.8	129.1
112.6	132.9	128.8	62.9	125.1	133.3	121.0	122.6	63.1	140.1	125.1
112.3	139.3	134.3	69.1	120.9	137.1	131.1	125.3	84.8	140.2	122.7
119.7	142.6	136.8	69.3	114.6	134.3	127.8	139.6	78.6	147.2	122.8
132.4	131.6	131.4	113.0	132.4	130.4	120.5	153.7	80.3	159.0	140.0
126.4	134.8	129.3	120.0	132.7	130.7	135.8	150.7	87.5	151.0	129.2

134.0	136.9	136.5	100.3	130.5	133.7	112.2	147.4	66.0	156.0	127.6
123.9	138.5	133.3	106.4	136.2	128.3	120.3	135.0	55.6	145.3	125.6
133.1	147.9	142.9	111.6	139.8	134.5	118.0	147.5	53.4	153.9	128.0
119.9	134.3	121.0	71.3	119.3	116.4	123.2	134.8	85.9	151.8	120.5
131.7	145.7	134.0	123.5	141.8	134.2	121.9	145.1	75.6	151.9	129.3
125.4	140.8	139.1	109.8	131.1	131.8	134.6	136.0	71.2	145.0	129.0
132.3	140.2	137.9	106.9	125.0	136.2	105.6	154.7	71.9	153.5	127.2
121.8	121.4	116.5	71.0	115.8	115.1	124.6	144.3	96.7	148.3	118.0
146.4	134.9	137.3	107.6	140.6	123.3	118.5	160.1	74.6	162.7	139.7
130.0	130.6	117.0	89.7	134.5	123.2	123.1	145.3	103.1	159.8	128.3
129.8	136.5	131.4	102.6	131.6	128.2	121.5	146.2	76.8	153.2	128.5
127.9	128.3	128.4	86.1	131.4	115.1	126.4	140.0	76.8	151.0	85.0
126.1	119.6	125.8	73.5	110.1	119.4	133.7	135.4	79.0	148.2	87.3
131.9	129.8	132.9	91.5	131.4	123.9	131.4	148.8	72.1	145.6	108.9
122.1	143.2	118.3	112.0	122.1	115.2	128.3	155.3	79.4	143.0	110.0
128.6	130.2	126.7	107.7	109.4	120.5	131.9	156.0	75.0	147.4	105.9
119.0	129.1	123.3	95.6	121.0	118.8	128.5	151.8	74.6	140.0	91.1
118.3	132.6	113.8	76.8	110.2	113.8	123.3	149.8	76.7	135.0	89.7
135.5	136.8	136.8	98.8	100.5	120.9	136.2	156.0	81.1	149.3	107.2
122.1	115.3	109.5	60.0	95.5	96.6	118.1	127.8	61.6	135.9	65.2
125.7	129.4	123.9	89.1	114.6	116.0	128.6	146.8	75.1	143.9	94.5
130.6	126.1	133.5	91.7	132.0	122.0	132.0	147.0	80.6	151.1	118.2
127.1	134.6	143.2	123.4	134.6	125.4	116.0	167.6	83.3	171.5	142.3
129.0	138.5	135.8	115.9	129.4	120.7	122.1	153.5	70.5	161.3	131.1
116.9	126.9	127.1	103.7	122.6	125.5	122.8	144.8	76.7	150.8	112.2
132.0	138.4	147.1	99.6	127.7	121.3	124.6	169.2	84.1	160.9	140.6
122.4	126.0	130.6	93.5	135.9	121.0	121.2	147.2	81.6	155.5	119.5
125.2	128.6	136.3	91.1	97.3	112.5	117.1	155.0	98.6	144.2	110.4
124.7	127.9	125.2	119.7	130.4	128.2	121.8	151.2	86.4	150.1	125.8
108.7	118.9	123.2	95.6	104.1	110.5	104.0	143.1	90.5	139.1	96.2
129.7	132.1	132.6	123.9	126.7	127.9	118.3	157.4	80.8	160.8	129.8
133.7	128.1	126.8	94.5	119.9	124.7	130.5	144.8	65.0	148.4	113.8
110.8	114.2	121.4	79.9	111.9	113.2	105.9	145.0	91.0	138.7	106.7
124.2	128.4	131.9	102.7	122.7	121.1	119.7	152.2	82.4	152.7	120.6
119.9	124.2	110.0	50.4	83.0	103.3	90.4	117.5	64.5	134.7	68.1
130.4	100.5	100.0	39.3	68.2	104.3	102.3	121.0	43.0	130.3	65.0
120.4	117.4	108.0	39.3	84.8	97.4	105.7	124.6	48.8	138.5	68.9
115.4	117.8	102.9	46.7	64.7	104.4	100.1	127.0	52.9	130.9	65.3
117.9	128.3	121.8	70.5	127.1	112.4	116.3	142.3	74.3	152.0	103.6
129.9	129.8	129.3	82.2	113.0	119.3	109.2	137.4	81.2	159.7	104.4
114.5	112.8	107.3	46.6	94.5	112.9	107.2	117.3	61.5	149.0	84.1
122.6	111.3	109.1	45.1	100.5	96.9	108.4	123.8	42.0	138.1	65.3
125.4	108.5	115.9	67.3	103.0	111.0	124.8	130.0	53.3	143.8	71.8
130.1	136.9	125.7	83.0	107.3	113.1	112.3	138.0	71.6	154.8	105.0
119.4	117.5	109.9	44.9	76.0	95.0	97.6	117.9	41.4	134.4	69.1
122.4	118.6	112.7	55.9	92.9	106.4	106.8	127.0	57.7	142.4	79.1
125.3	108.4	92.9	52.5	66.0	108.0	93.3	129.0	63.6	132.0	65.9
138.0	147.1	110.4	64.8	83.0	128.5	92.5	145.5	94.1	159.8	120.0
131.2	131.4	103.9	60.9	72.1	122.9	98.2	144.8	80.1	159.2	119.8
120.2	133.3	103.4	57.2	86.7	123.1	99.9	137.9	70.0	155.6	96.1
123.4	132.8	128.2	39.4	103.9	120.0	96.9	133.5	78.9	153.3	104.8
136.5	131.8	94.2	38.5	46.6	110.8	99.5	149.5	76.9	157.7	119.6

120.6	133.9	99.9	49.5	73.7	131.0	90.0	141.2	90.6	155.6	118.6
130.9	126.6	136.0	56.2	112.6	121.7	103.8	144.8	84.1	158.5	115.3
116.8	109.8	99.9	40.4	65.0	109.3	96.0	135.8	56.7	138.2	92.5
114.7	130.5	110.2	62.7	105.6	116.5	98.6	140.0	75.1	152.3	99.9
123.4	140.2	116.1	41.8	93.1	130.8	101.9	136.7	80.6	155.8	107.2
125.5	129.6	108.6	51.3	82.6	120.2	97.3	139.9	77.3	152.5	105.4
125.3	133.3	127.0	78.6	113.5	123.9	115.4	144.0	76.7	150.4	114.9
0.1250	0.0714	-0.0370	-0.3538	0.4048	0.0678	-0.0714	0.2564	-0.4558	0.9000	-0.1908
1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995
126.0	135.0	130.0	84.0	118.0	126.0	117.0	147.0	80.0	152.0	123.0
43	44	45	46	47	48	49	50	51	52	53
					North 6 districts avg.yld.					
										avg.
126.1	137.5	132.2	83.4	121.0	128.3	119.0	146.4	78.8	151.4	122.4
					134.5	north 6 districts avg. last 5 yrs. excl.1993				
					136.8	sw district avg. last 5 yrs. excl.1993				
					122.4	sc+se district avg. last 5 yrs. excl.1993				

		1988			1991			1994		
126.0	117.0	147.0	80.0	152.0						

12.5	7.1	-3.7	-35.4	40.5	6.8	-7.1	25.6	-45.6	90.0	-19.1

								STD			STD
1996	**1997**	**1998**	**1999**	**2000**	**2001**			1980-1990		1944-00	1984-94
148.9	149.5	146.6	155.6	155.6				14.9		37.0	25.2
136.9	139.2	148.7	156.7	145.3				18.6		35.1	20.8
129.5	143.0	149.2	139.3	147.6				14.7		29.9	24.0
148.4	145.1	147.1	156.0	155.4				20.7		37.2	29.6
141.6	133.2	148.0	152.0	147.8				16.5		33.8	26.4
138.4	143.4	149.5	154.9	145.1				18.9		33.6	21.7
140.6	139.2	146.2	155.8	146.2				18.0		32.7	24.4
148.2	149.7	149.2	164.4	155.9				16.9		35.5	22.8
133.2	140.9	145.4	148.3	149.9				22.8		31.2	25.9
146.3	146.9	149.2	162.4	158.5				14.7		36.2	24.5
130.9	136.5	139.9	150.3	145.9				13.1		28.8	19.6
155.8	147.7	131.5	155.7	161.0				16.8		38.0	26.5
141.6	142.9	145.9	154.3	151.2				15.5		33.6	23.3
135.8	146.2	152.1	152.4	149.8				21.7		30.2	25.6
139.5	141.3	169.8	156.9	148.1				24.1		31.9	26.6
146.1	142.2	152.1	158.9	148.1				23.8		30.9	26.5
121.0	136.5	142.7	144.2	141.9				29.4		31.0	30.9
128.7	132.0	146.0	143.6	141.7				24.2		28.5	25.7
121.9	138.8	134.9	140.5	142.5				24.7		29.7	28.0
143.9	143.2	155.6	159.8	142.2				25.6		31.1	27.8
139.5	144.1	146.4	150.8	141.9				25.6		31.8	28.8
125.1	131.0	142.5	149.5	146.7				23.2		31.2	29.0
139.6	144.4	169.6	164.1	153.8				22.3		32.6	25.0
134.1	140.0	151.2	152.1	145.7				23.9		30.4	26.8
143.2	137.7	151.9	145.9	141.8				14.3		33.8	22.5
143.7	146.0	146.4	144.1	150.5				15.0		34.6	24.2
141.6	141.4	163.7	152.4	143.5				19.8		34.9	25.3
152.2	135.5	146.6	149.3	147.1				12.1		34.7	24.4
146.4	144.4	142.9	150.6	155.6				14.4		35.4	22.6
154.4	147.9	137.1	143.7	159.9				15.5		35.4	25.3
143.6	147.2	148.5	150.7	158.7				14.8		37.0	24.0
139.9	149.9	162.4	154.9	147.7				17.4		35.7	24.3
137.4	149.3	160.0	142.6	151.8				12.5		34.7	22.5
139.4	144.8	162.0	148.7	146.9				13.8		35.1	23.5
152.1	143.2	136.1	147.7	156.3				15.5		36.1	24.7
144.9	144.3	150.7	148.2	150.9				13.1		34.7	22.5
126.7	135.3	154.3	151.4	147.6				18.8		32.0	23.5
134.0	138.5	146.7	152.4	145.0				20.4		32.3	28.4
141.4	145.6	157.9	162.6	152.3				20.2		35.0	27.1
143.1	137.7	147.3	152.2	141.5				19.1		34.4	25.4
127.2	142.0	150.0	152.4	145.4				18.9		34.9	25.5
135.1	137.6	153.9	154.1	148.3				20.8		33.1	24.0
145.0	143.1	151.3	159.3	145.2				23.5		33.7	27.3
147.5	138.5	156.7	150.6	152.3				21.5		31.4	24.9
132.9	142.1	154.3	153.2	147.7				17.4		35.0	22.9
134.3	140.9	151.0	154.4	141.3				19.7		37.0	25.4
133.6	141.6	152.5	160.5	148.9				18.4		33.3	22.1
136.4	140.3	152.4	154.8	146.9				19.0		33.5	24.4
145.3	146.4	154.6	165.1	136.7				16.0		35.5	21.5
138.2	139.6	161.6	170.7	120.7				12.1		35.4	16.6

140.0	138.1	154.2	160.8	154.2				17.1		35.7		24.5
141.5	128.8	152.0	150.7	152.0				14.9		36.2		23.5
145.1	144.9	154.7	148.6	157.5				18.3		36.7		27.7
138.6	132.3	151.5	163.4	155.2				16.8		35.9		21.6
140.7	140.9	158.6	170.0	152.5		127.0		13.5		36.8		20.2
135.0	128.7	148.9	167.0	155.2				14.2		36.7		20.1
143.2	144.0	136.1	157.6	155.3				16.9		36.2		24.1
138.4	128.1	159.9	163.6	120.7				17.1		35.2		19.9
150.3	148.2	136.3	157.7	156.6				18.6		37.6		25.1
146.1	140.3	162.3	172.4	151.0				14.2		36.5		18.2
141.9	138.4	152.6	162.3	147.3				14.5		35.5		20.5
119.9	120.1	142.7	139.3	132.8				18.8		32.6		21.9
125.4	119.9	137.7	128.1	141.0				23.9		32.7		25.5
139.9	120.6	144.6	135.2	133.1				16.7		33.4		22.1
136.1	136.0	133.8	133.7	140.4				16.2		34.8		20.6
133.2	135.8	123.7	128.2	136.1				13.0		33.6		21.7
130.0	134.5	140.6	127.3	142.5				16.6		32.1		21.7
136.6	133.5	126.5	123.2	137.3				21.1		31.8		24.4
135.9	132.2	139.5	139.8	140.1				16.6		34.5		22.1
112.8	117.4	119.2	115.6	141.7				25.6		31.1		26.7
130.0	127.8	134.3	130.0	138.3				17.7		32.4		22.0
131.9	129.1	137.1	131.6	137.1				16.5		31.8		21.2
148.7	137.1	130.5	147.9	150.5				12.1		36.3		24.2
142.8	135.0	151.1	137.4	137.4				14.9		33.8		22.9
132.6	127.4	148.9	147.1	132.0				18.9		32.4		18.9
149.1	141.3	143.8	148.5	148.0				13.8		36.7		23.5
134.4	121.1	140.6	134.9	137.1				15.6		33.4		20.6
141.6	132.4	126.7	140.0	139.4				17.5		33.3		19.8
141.7	136.7	156.1	164.8	110.2				17.2		33.8		16.3
124.3	124.5	117.9	141.2	139.3				15.4		31.4		16.1
148.8	136.6	141.6	168.4	129.1				16.4		34.4		20.7
135.1	130.9	138.3	143.4	127.5				16.9		30.9		22.4
132.1	119.8	136.1	152.9	117.5				17.6		32.3		17.6
138.6	131.0	139.1	146.5	133.8				14.5		32.7		19.3
118.6	125.8	119.6	113.6	148.7				29.6		31.7		24.9
95.7	113.8	99.6	118.2	128.7				30.2		30.1		31.4
131.6	117.1	98.8	113.4	149.4				28.7		32.3		29.6
108.9	128.4	102.6	128.0	131.3				27.2		30.8		27.9
123.5	125.1	145.4	134.5	134.0				20.0		32.6		24.9
117.9	131.0	132.6	137.6	140.3				21.5		33.6		22.0
112.8	127.2	111.9	110.8	136.8				27.3		31.7		26.6
117.0	109.0	112.4	119.2	145.0				28.3		32.0		31.1
120.7	117.4	129.7	140.8	137.5				20.1		32.3		26.5
128.4	135.4	133.4	142.6	141.1				21.6		34.5		23.6
133.6	109.4	103.8	104.1	137.7				29.4		31.6		29.5
119.0	121.8	117.3	123.9	139.1				24.8		31.4		26.3
125.3	123.0	138.6	90.3	150.7				29.0		32.4		25.9
131.8	142.1	132.8	145.9	145.0				28.4		31.6		29.3
132.9	137.6	134.1	131.1	144.7				29.7		32.1		29.6
122.5	135.9	121.6	95.5	142.9				29.9		32.3		28.3
123.0	143.4	120.6	123.5	148.6				32.7		33.3		29.9
138.1	139.5	118.7	122.1	150.0				35.7		34.7		37.6

128.8	130.2	122.7	144.5	139.9				30.2		31.9		30.8
129.5	140.9	141.7	135.4	144.3				27.4		33.3		27.2
127.3	130.2	115.3	88.8	147.4				28.6		30.8		30.0
127.5	136.5	135.8	113.4	139.2				28.1		32.8		24.8
126.9	138.2	134.7	143.7	145.1		114.6		30.3		32.6		30.6
128.5	136.1	128.8	121.3	145.3				***Arith. Avg.***				
								1987-2000		***1944-2000***		***1984-200***
135.0	135.8	141.3	143.7	144.3				22.4		32.1		20.8
								Weighted Iowa Average Std. De				
0.1220								***1987-2000***		***1944-2000***		***1984-200***
1996	1997	1998	1999	2000								
138.0	138.0	145.0	149.0	145.0				21.8		32.7		20.2
54	55	56	57	58								

1997.0												

12.2												

	STD		avg. 1984-00							
	1974-00				Avg. 1987-2000					Iowa Tren
	28.4		136.0		137.3					41.8
	26.1		132.2		134.8					43.6
	19.5		126.7		128.1					45.3
	26.3		136.8		137.5					47.1
	22.2		133.2		132.3					48.8
	25.5		130.2		131.1					50.6
	25.4		131.3		131.7					52.3
	27.4		134.4		137.3					54.1
	25.1		121.9		122.5					55.8
	28.2		133.9		135.3					57.6
	18.6		125.3		125.3					59.3
	24.6		137.6		139.5					61.1
	23.6		131.6		132.7					62.8
	24.3		124.0		124.3					64.5
	23.3		132.1		130.9					66.3
	24.8		127.8		129.2					68.0
	27.1		119.2		117.4					69.8
	24.4		117.2		117.7					71.5
	23.7		117.3		116.7					73.3
	25.3		127.1		125.6					75.0
	25.4		123.8		123.3					76.8
	23.2		120.8		119.5					78.5
	23.3		134.9		135.2					80.3
	23.7		124.4		124.0					82.0
	21.9		127.5		127.6					83.8
	22.0		128.4		128.6					85.5
	25.4		128.1		127.8					87.2
	21.5		133.5		133.1					89.0
	21.2		133.6		133.8					90.7
	23.0		134.9		136.8					92.5
	22.3		137.8		137.8					94.2
	27.3		131.4		132.2					96.0
	22.8		133.0		133.5					97.7
	23.1		131.4		131.6					99.5
	21.8		136.2		136.8					101.2
	21.9		132.3		132.7					103.0
	21.2		126.3		127.2					104.7
	23.1		126.8		126.7					106.5
	24.2		131.9		132.0					108.2
	21.5		128.4		128.7					109.9
	25.0		124.2		125.5					111.7
	21.1		130.5		131.1					113.4
	23.9		130.1		130.6					115.2
	23.2		129.2		128.9					116.9
	20.8		130.9		131.7					118.7
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	23.1		127.5		128.8					122.2
	22.4		128.1		128.7					123.9
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	28.8		126.1		127.5					134.4
	23.0		135.9		137.1					136.1
	25.7		131.8		133.0					137.9
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	28.0		124.5		125.8					141.4
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	27.7		133.6		135.4					
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	29.2		116.5		118.9					
	25.6		125.2		125.7					
	26.5		125.0		126.0					
	25.1		123.2		124.1					
	25.2		120.9		122.8					
	27.0		115.9		117.6					
	26.3		127.3		126.7					
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	25.5		125.5		126.8					
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	27.7		125.2		126.7					
	27.6		135.1		136.1					
	25.5		125.4		126.7					
	25.2		123.5		124.5					
	24.5		130.5		132.0					
	23.5		116.6		118.1					
	26.6		132.5		134.5					
	25.7		124.9		124.5					
	23.7		118.0		119.4					
	24.0		126.9		128.2					
	28.5		104.8		103.4					
	29.3		95.4		95.0					
	30.0		102.8		101.9					
	28.9		100.7		99.6					
	28.1		118.7		120.2					
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	31.4		101.5		102.3					
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	28.9		99.1		98.2					
	27.9		107.5		107.3					
	29.9		103.9		102.2					
	24.8		124.5		121.2					
	26.3		118.8		117.3					
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	25.2		117.7		115.4					
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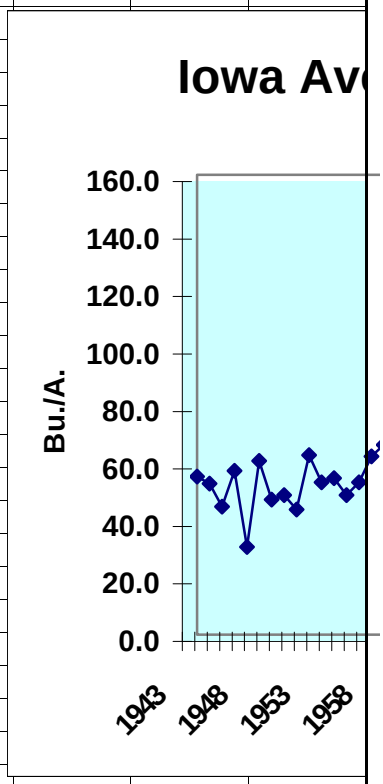
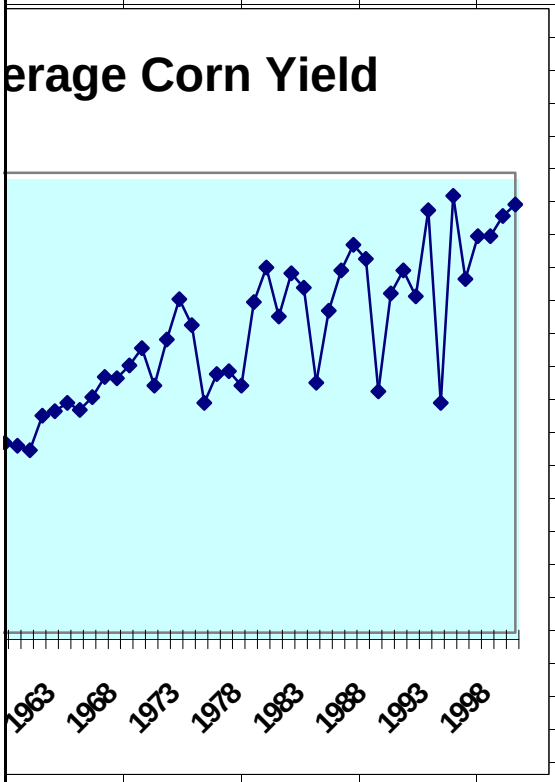
	29.2		104.5		103.1					
	25.7		115.9		115.2					
	26.5		120.0		118.0					
1970-2000										
22.0	22.0		123.0		123.1					
viation										
1970-2000										
21.9	21.4		126.3		126.7					



					Actural yield					
d Yield						Iowa Trend Yield				
				1943	55.0	41.8				
				1944	52.5	43.6				
				1945	44.5	45.3				
				1946	57.0	47.1				
				1947	30.5	48.8				
				1948	60.5	50.6				
				1949	47.0	52.3				
				1950	48.5	54.1				
				1951	43.5	55.8				
				1952	62.5	57.6				
				1953	53.0	59.3				
				1954	54.5	61.1				
				1955	48.5	62.8				
				1956	53.0	64.5				
				1957	62.0	66.3				
				1958	66.0	68.0				
				1959	65.0	69.8				
				1960	63.5	71.5				
				1961	75.5	73.3				
				1962	77.0	75.0				
				1963	80.0	76.8				
				1964	77.5	78.5				
				1965	82.0	80.3				
				1966	89.0	82.0				
				1967	88.5	83.8				
				1968	93.0	85.5				
				1969	99.0	87.2				
				1970	86.0	89.0				
				1971	102.0	90.7				
				1972	116.0	92.5				
				1973	107.0	94.2				
				1974	80.0	96.0				
				1975	90.0	97.7				
				1976	91.0	99.5				
				1977	86.0	101.2				
				1978	115.0	103.0				
				1979	127.0	104.7				
				1980	110.0	106.5				
				1981	125.0	108.2				
				1982	120.0	109.9				
				1983	87.0	111.7				
				1984	112.0	113.4				
				1985	126.0	115.2				
				1986	135.0	116.9				
				1987	130.0	118.7				
				1988	84.0	120.4				
				1989	118.0	122.2				
				1990	126.0	123.9				
				1991	117.0	125.7				
				1992	147.0	127.4				

				1993	80.0	129.2				
				1994	152.0	130.9				
				1995	123.0	132.6				
				1996	138.0	134.4				
				1997	138.0	136.1				
				1998	145.0	137.9				
				1999	149.0	139.6				
				2000	145.0	141.4				
				2001		143.1				


erage Corn Yield
1963
1968
1973
1978
1983
1988
1993
1998

		1943	1944	1945	1946	1947	1948	1949	1950	1951
		55.0	52.5	44.5	57.0	30.5	60.5	47.0	48.5	43.5
		1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0

1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962
62.5	53.0	54.5	48.5	53.0	62.0	66.0	65.0	63.5	75.5	77.0
10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0	18.0	19.0	20.0

1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973
80.0	77.5	82.0	89.0	88.5	93.0	99.0	86.0	102.0	116.0	107.0
21.0	22.0	23.0	24.0	25.0	26.0	27.0	28.0	29.0	30.0	31.0

1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
80.0	90.0	91.0	86.0	115.0	127.0	110.0	125.0	120.0	87.0	112.0
32.0	33.0	34.0	35.0	36.0	37.0	38.0	39.0	40.0	41.0	42.0

1985	1986	1987	1988	1989	1990	1991	1992	1993.0	1994.0	1995.0
126.0	135.0	130.0	84.0	118.0	126.0	117.0	147.0	80.0	152.0	123.0
43.0	44.0	45.0	46.0	47.0	48.0	49.0	50.0	51.0	52.0	53.0

1996.0
138.0
54.0