

**TABLE 5**  
**STUDY OF ANTHRACITE COAL BY COUNTY**  
**FATALITIES**

YEAR	CARBON	COLUMBIA	DAUPHIN	LACKAWANNA	LUZERNE	NORTHUMBERLAND	SCHUYLKILL	SULLIVAN	SUSQUE.	WAYNE	DIVISION
1924	11	11	7	125	193	38	110		1		496
1930	11		5	108	164	29	123		1	3	444
1935	4	3	7	50	123	16	61	3			267
1936	4		2	50	137	14	34				241
1937	5	6	9	35	102	15	38	1		1	212
1938	6	4	5	49	102	13	44				223
1939	7	5	3	46	108	13	27		1		210
1940	6	2	3	35	93	10	33				182
1941	8	2	2	37	98	7	35				189
1942	4	6		35	128	16	36				225
1943	7	5		36	103	13	54				218
1944	12	4	1	37	70	15	32				171
1945	6	6		27	53	13	32	1			138
1946	6	6		27	79	12	38	1			169
1947	4	5		25	104	13	15				166
1948	5	3		19	65	5	34				131
1949	3	1		8	60	2	18				92
1950	4	2		8	52	9	11				86
1951	4	3		13	44	8	22				94
1952	8	5		10	37	10	22				92
1953	3	1		7	30	3	15				59
1954	1	2		7	27	2	8				47
1955	5			5	32	6	12				60
1956	4			7	23	6	14				54
1957	3	4	1	7	20	6	10				51
1958		1		2	15	4	9				31
1959	1	2		6	24	4	9				46
1960	1	1		11	14	3	5				35
1961	1			1	10	3	4				19
1962					11	1	14				26
1963	1	1		3	12	4	9				30
1964				1	7	8	8				24
1965		2	1		2	1	2				8
1966					2		3				5
1967					4	2	3				9
1968				2	2						4
1969					4	1	8				13
1970					1		3				4
1971						1	1				2
1972					1		2				3
1973					1						1

TABLE 5  
STUDY OF ANTHRACITE COAL BY COUNTY  
FATALITIES  
(Continued)

YEAR	CARBON	COLUMBIA	DAUPHIN	LACKAWANNA	LUZERNE	NORTHUMBERLAND	SCHUYLKILL	SULLIVAN	SUSQUE.	WAYNE	DIVISION
1974						1	1				2
1975						1					1
1976							1				1
1977					2		9				11
1978					1						1
1979						1					1
1980							3				3
1981	1										1
1982											
1983							1				1
1984											
1985							6				6
1986							3				3
1987											
1988							1				1
1989						1					1
1990						1					1
1991							1				1
1992											
1993							2				2
1994		1					1				2
1995							4				4
1996											
1997											

**TABLE 5**  
**STUDY OF ANTHRACITE COAL BY COUNTY**  
**PRODUCTION PER FATAL**

YEAR	CARBON	COLUMBIA	DAUPHIN	LACKAWANNA	LUZERNE	NORTHUMBERLAND	SCHUYLKILL	SULLIVAN	SUSQUE.	WAYNE	DIVISION
1924	241,347	94,975	159,007	163,139	179,851	189,672	174,893		655,000		175,963
1930	159,467		173,473	141,786	167,415	232,734	127,425		91,296	40,994	154,902
1935	425,755	274,934	78,495	208,745	171,213	341,830	176,426	59,711			192,356
1936	468,449		200,379	223,094	155,584	372,014	362,748				225,162
1937	415,280	208,507	53,823	260,500	220,462	306,947	301,620	99,879		102,858	243,869
1938	324,629	289,478	85,174	172,241	199,664	314,676	222,141				207,487
1939	359,165	192,869	158,987	199,969	216,460	370,403	366,138		124,791		244,761
1940	362,558	513,813	168,519	264,556	243,785	449,946	340,672				283,112
1941	300,218	533,736	172,773	242,536	248,127	704,868	337,776				285,408
1942	699,200	166,354		266,983	201,307	330,995	375,568				257,509
1943	450,120	172,203		254,157	233,812	420,242	322,150				277,577
1944	303,740	286,985	299,349	254,796	354,429	382,896	588,581				374,927
1945	557,543	186,871		299,371	397,609	284,697	522,853	187,007			405,081
1946	527,701	242,959		335,494	288,236	528,566	495,037	105,862			366,738
1947	733,452	301,577		341,527	211,452	521,504	1,083,979				350,771
1948	560,379	559,832		453,204	332,182	1,387,468	508,104				451,212
1949	708,894	1,380,732		777,718	266,497	2,600,245	752,121				485,980
1950	497,079	640,904		815,808	329,091	579,034	1,278,772				538,829
1951	473,509	328,392		444,293	338,237	718,746	591,867				450,947
1952	237,412	152,130		530,355	372,296	532,615	589,890				435,512
1953	520,612	745,649		507,949	340,064	1,415,854	676,192				516,871
1954	1,272,419	284,366		414,781	395,377	1,641,657	979,584				566,219
1955 #	349,938			518,986	310,040	458,231	671,472				432,247
1956	436,572			461,795	424,468	587,476	628,672				521,771
1957	369,014	212,620	195,499	382,916	419,463	569,269	851,832				493,401
1958		888,009		1,047,085	451,602	650,208	811,982				659,886
1959	518,252	346,112		357,971	257,197	637,901	1,061,726				427,622
1960	519,583	474,234		168,455	384,335	804,866	1,386,229				506,318
1961	579,106			1,194,971	530,795	668,093	1,703,547				868,769
1962					533,688	1,702,891	469,279				634,474
1963	727,455	445,749		321,491	534,365	520,742	720,548				580,373
1964				879,898	807,129	283,385	747,312				688,529
1965		208,136	196,495		2,673,338	1,600,886	2,747,459				1,788,727
1966					2,239,108		1,541,344				2,406,275
1967					1,048,071	708,710	1,419,764				1,283,605
1968				279,229	1,738,032						2,756,370
1969					840,244	1,309,666	516,748				781,985
1970					2,719,940		1,347,778				2,312,002
1971						894,462	3,569,335				4,093,980
1972					2,022,194		1,393,299				2,154,031
1973					1,960,574						6,293,013

TABLE 5  
 STUDY OF ANTHRACITE COAL BY COUNTY  
 PRODUCTION PER FATAL  
 (Continued)

YEAR	CARBON	COLUMBIA	DAUPHIN	LACKAWANNA	LUZERNE	NORTHUMBERLAND	SCHUYLKILL	SULLIVAN	SUSQUE.	WAYNE	DIVISION
1974						1,044,012	3,102,366				3,045,012
1975						790,973					5,628,741
1976							2,646,600				5,291,776
1977					601,884		297,425				460,063
1978					1,318,836						5,037,960
1979						566,220					4,835,118
1980							1,209,254				1,994,383
1981	82,044										5,125,389
1982											
1983							1,050,038				2,923,452
1984											
1985							457,392				871,437
1986							686,342				1,249,463
1987											
1988							2,251,872				2,251,872
1989						268,394					3,375,315
1990						434,736					3,414,967
1991							2,993,020				4,846,247
1992											
1993							2,585,199				2,585,199
1994		165,334					2,753,768				3,986,903
1995							888,975				2,189,537
1996											
1997											

**TABLE 5  
STUDY OF ANTHRACITE COAL BY COUNTY  
FATALITIES PER MILLION MAN-DAYS**

YEAR	CARBON	COLUMBIA	DAUPHIN	LACKAWANNA	LUZERNE	NORTHUMBERLAND	SCHUYLKILL	SULLIVAN	SUSQUE.	WAYNE	DIVISION
1924	8.30	22.05	12.36	12.65	11.29	9.48	10.77		2.85		11.26
1930	14.89		13.45	14.05	12.62	9.63	18.97		18.96	69.03	14.02
1935	5.50	16.84	35.77	11.62	15.57	9.28	17.08	35.21			14.19
1936	5.12		14.13	11.26	17.02	8.71	9.45				12.58
1937	6.89	15.84	50.92	9.82	11.75	10.75	11.16	19.04		102.94	11.52
1938	7.66	10.74	28.42	15.49	13.25	9.87	14.48				13.45
1939	8.52	15.68	16.19	14.26	13.11	8.76	9.35		22.91		12.19
1940	7.60	6.21	16.96	10.64	11.68	7.53	10.76				10.72
1941	9.45	7.29	15.41	12.08	11.41	4.73	10.73				10.69
1942	3.92	17.18		10.11	12.59	10.42	9.06				10.94
1943	6.05	14.24		10.08	10.40	7.74	11.59				10.19
1944	8.30	8.00	21.51	9.99	6.83	8.92	6.24				7.50
1945	4.94	11.49		8.78	5.88	8.57	6.69	18.56			6.82
1946	4.99	11.84		8.16	8.23	7.63	7.34	25.41			7.88
1947	3.03	7.98		7.39	10.83	7.26	2.66				7.41
1948	3.97	9.38		5.57	6.74	2.90	6.63				6.08
1949	3.45	1.96		3.06	9.12	1.42	4.15				5.62
1950	4.86	3.80		3.15	7.83	4.59	2.18				4.89
1951	5.42	8.12		5.37	7.20	4.72	5.07				5.98
1952	11.43	16.60		4.90	6.18	8.70	5.80				6.57
1953	5.97	4.73		5.01	6.69	3.41	5.60				5.80
1954	2.72	1.22		8.34	8.75	2.11	3.53				6.11
1955 #	13.24			5.93	10.61	11.54	6.78				8.94
1956	9.66			7.12	7.71	9.00	6.07				7.39
1957	11.23	18.77	25.39	8.48	8.46	8.94	5.54				8.25
1958		5.50		3.60	8.28	7.17	5.72				6.37
1959	11.33	14.03		9.96	17.51	7.47	6.51				11.06
1960	12.86	12.92		20.68	10.99	6.17	4.34				9.62
1961	12.65			2.28	8.77	7.35	3.47				5.72
1962					11.02	2.56	12.46				8.69
1963	9.77	17.93		11.57	10.92	9.26	8.18				9.71
1964				3.99	6.62	19.60	7.98				8.19
1965		32.67	36.66		2.35	3.36	2.46				3.54
1966					2.74		4.60				2.73
1967					5.92	10.13	4.91				5.26
1968				19.82	3.84						2.67
1969					8.84	6.53	14.32				9.46
1970					2.15		5.12				2.84
1971						8.03	1.80				1.58
1972					3.22		4.88				3.16
1973					3.13						1.06

**TABLE 5**  
**STUDY OF ANTHRACITE COAL BY COUNTY**  
**FATALITIES PER MILLION MAN-DAYS**  
(Continued)

YEAR	CARBON	COLUMBIA	DAUPHIN	LACKAWANNA	LUZERNE	NORTHUMBERLAND	SCHUYLKILL	SULLIVAN	SUSQUE.	WAYNE	DIVISION
1974						9.72	2.25				2.39
1975						10.92					1.21
1976							1.98				1.16
1977							18.47				13.35
1978					12.24						1.29
1979					6.04	10.71					1.29
1980							5.61				2.39
1981	104.58										1.22
1982											
1983							2.82				1.53
1984											
1985							13.54				8.24
1986							9.44				5.29
1987											
1988							3.01				1.81
1989						22.4					1.84
1990						20.1					1.97
1991							3.27				2.05
1992											
1993							6.89				4.11
1994		70.84					3.20				3.93
1995							12.23				7.48
1996											
1997											

	YEAR	TOTAL PRODUCTION	EMPLOYES	DAYS WORKED	FATALITIES	MAN-DAYS	PRODUCTION PER FATAL
Crawford County	1950	3,850	6	46		276	
	1943	1,988	3	76		228	
	1944	3,897	5	280		1,400	
	1945	3,471	5	200		1,000	
	1946	3,010	5	200		1,000	
	1947	5,298	5	200		1,000	
	1948	19,140	10	191		1,911	
	1949	32,699	33	244		8,040	
	1950	98,702	38	274		9,371	
	1951	72,566	38	224		8,518	
	1952	66,206	19	290		5,512	
	1953	51,836	12	288		3,456	
Cameron County	1954	59,832	18	222		3,989	
	1955	83,841	24	274		6,580	
	1956	77,510	15	239		3,589	
	1957	62,634	32	241		7,704	
	1958	28,712	37	232		8,576	
	1959	51,629	35	241		8,438	
	1960	107,578	34	238		8,105	
	1961	58,663	21	250		5,246	
	1962	78,757	22	266		5,858	
	1963	68,207	15	279		4,188	
	1964	51,316	15	248		3,721	
	1965	4,760	10	80		796	
	1966 thru present year						

NOTE: R - Revised or corrected for error in the 1962 edition, corrected in 1983