

STUDY OF ANTHRACITE BY COUNTY

YEAR	CARBON	COLUMBIA	DAUPHIN	LACKAWANNA	LUZERNE	NORTHUMB'D	SCHUYLKILL	SULLIVAN	SUSQUE.	WAYNE	DIVISION
1924	2,654,820	1,044,724	1,113,068	20,392,400	34,711,150	7,207,553	19,238,222	214,773	655,000	45,759	87,277,449
1930	1,754,134	685,253	867,363	15,312,853	27,456,102	6,749,282	15,673,224	64,071	91,296	122,981	68,776,559
1935	1,703,018	824,803	549,467	10,437,234	21,059,166	5,469,278	10,761,971	179,134	216,010	159,010	51,359,111
1936	1,873,797	1,546,144	400,758	11,154,691	21,315,049	5,208,201	12,333,446	213,847	19,169	198,914	54,264,016
1937	2,076,398	1,251,044	484,403	9,117,509	22,487,109	4,604,212	11,461,545	99,879	15,339	102,858	51,700,296
1938	1,947,771	1,157,913	425,871	8,439,828	20,365,737	4,090,787	9,774,216 a	49,383	7,030	10,975	46,269,511
1939	2,514,152	964,346	476,960	9,198,552	23,377,666	4,815,235	9,885,719 b	36,684	124,791	5,602	51,399,707
1940	2,175,348	1,026,366	505,558	9,259,463	22,672,016	4,499,464	11,242,175 c	50,844	86,149	9,071	51,526,454
1941	2,401,741	1,067,473	345,545	8,973,827	24,316,481	4,934,077	11,822,153 d	49,179	21,686	10,015	53,942,177
1942	2,796,798	998,124	57,479	9,344,388	25,767,343	5,295,913	13,520,462 e	49,113	62,761	47,248	57,939,629
1943	3,150,839	861,015	229,826	9,149,647	24,082,663	5,463,133	17,396,092 f	101,977	73,037	3,484	60,511,730
1944	3,644,877	1,147,941	299,349	9,427,467	24,810,042	5,743,444	18,834,594 g	147,756	46,216	10,903	64,112,589
1945	3,345,258	1,121,228	292,662	8,083,021	21,073,255	5,001,063	16,731,289 h	187,007	66,452	*	55,901,235
1946	3,166,205	1,457,754	141,800	9,058,331	22,770,658	6,342,793	18,811,399	105,862	123,908	*	61,978,710
1947	2,933,809	1,507,884	28,731	8,538,164	21,990,960	6,779,549	16,259,688	46,785	142,415	-	58,227,985
1948	2,801,893	1,679,495	10,254	8,610,881	21,591,846	6,937,340	17,275,544 i	63,230	138,327	-	59,108,810
1949	2,126,682	1,380,732	61,389	6,221,743	15,989,846	5,200,490	13,538,194 j	23,585	167,457	-	44,710,118
1950	1,988,317	1,281,807	52,275	6,526,466	17,112,757	5,211,307	14,066,493 k	26,690	73,143	-	46,339,255
1951	1,894,035	985,177	30,133	5,775,808	14,882,432	5,749,967	13,021,079 m	28,762	21,662	-	42,389,055
Total	1,899,297	760,695	868	5,303,545	13,774,952	5,326,146	12,977,572 n	24,055	-	-	40,067,130
Pro-	1,561,836	745,649	21,811	3,555,642	10,201,927	4,247,561	10,142,880 o	18,085	-	-	30,495,391
duction	1,272,419	568,733	52,281	2,903,470	10,675,181	3,283,315	4,247,561	20,238	-	-	26,612,312
(Net	1,749,692	639,990	212,239	2,594,928	9,921,275	2,749,383	8,057,660 p	9,625	-	-	25,934,792
duction	1,746,287	841,201	254,495	3,232,566	9,762,753	3,524,853	8,801,402 q	5,715	-	6,361	28,175,633
(Tons)	1,107,042	850,479	195,499	2,680,409	8,389,265	3,415,614	8,518,317 r	6,841	-	-	25,163,466
1958	623,195	888,009	123,861	2,094,170	6,774,033	2,600,831	7,307,839 a	15,173	1,680	27,683	20,456,474
1959	518,252	692,224	142,720	2,147,827	6,172,748	2,551,604	7,432,081 t	8,052	-	5,107	19,670,615
1960	519,583	474,234	129,002	1,853,008	5,380,696	2,414,599	6,933,916 u	13,828	679	1,568	17,721,113
1961	579,106	464,421	108,542	1,194,971	5,307,953	2,004,278	6,827,844 v	16,534	1,645	1,318	16,506,612
1962	497,925	411,185	110,384	1,079,459	6,090,572	1,702,891	6,583,012 w	10,786	9,512	589	16,496,315
1963	727,445	445,749	230,324	964,475	6,412,375	2,082,968	6,531,130 x	8,729	-	8,007	17,411,202
1964	551,442	910,704	237,555	879,898	5,649,906	2,267,083	6,011,519 y	15,081	-	1,499	16,524,687
1965	444,826	416,272	196,495	660,558	5,346,676	1,600,886	5,538,420 z	23,096	2,395	193	14,229,817
1966	507,724	299,622	167,568	501,187	4,478,217	1,431,414	4,624,032 aa	20,474	1,137	-	12,031,375
1967	545,089	507,236	162,213	431,073	4,192,283	1,417,420	4,261,992 bb	34,766	369	-	11,552,441
1968	533,757	309,860	122,743	558,458	3,476,065	1,680,202	4,297,648	37,159	9,589	-	11,025,482
1969	497,159	327,999	52,613	441,475	3,360,976	1,309,666	4,133,984	40,808	1,125	-	10,165,805
1970	465,359	389,255	85,958	402,420	2,719,940	1,025,830	4,043,335	115,914	-	-	9,248,011
1971	323,810	232,698	45,400	397,957	2,598,269	894,462	3,569,335	125,913	117	-	8,187,961
1972	172,217	128,798	47,040	282,737	2,022,194	957,087	2,786,598	65,422	-	-	6,462,093
1973	98,164	10,565	36,652	214,460	1,960,579	955,362	2,975,474	38,130	3,627	-	6,293,013

YEAR	CARBON	COLUMBIA	DAUPHIN	LACKAWANNA	LUZERNE	NORTHUMB'D	SCHUYLKILL	SULLIVAN	SUSQUE.	WAYNE	DIVISION
1974	204,516	37,975	73,103	133,287	1,453,190	1,044,012	3,102,366	34,691	7,281	-	6,090,421
1975	95,263	45,833	25,118	202,320	1,690,049	790,973	2,750,777	28,408	-	-	5,628,741
1976	255,955	67,588	25,252	105,428	1,414,307	716,907	2,646,600	57,353	2,386	-	5,291,776
1977	147,719	51,417	21,229	141,896	1,203,768	739,437	2,676,827	78,396	cc	-	5,060,689
1978	128,671	57,375	29,895	80,439	1,318,836	683,436	2,547,616	190,539	dd	-	5,036,807
1979	87,682	136,236	33,733	39,608	1,215,583	566,220	2,608,804	137,337	ee	9,915	4,835,118
1980	75,518	134,475	8,018	58,263	1,291,639	549,946	3,627,762	232,880	ff	4,648	3,983,149
1981	92,044	117,500	11,534	67,714	902,873	576,713	3,210,484	256,527	gg	-	5,125,389
1982	86,068	82,303	104,110	124,754	784,340	418,664	2,294,729	26,986	71,431	-	3,993,385
1983	93,156	49,237	117,236	25,112	1,194,261	351,570	1,050,038	28,115	14,748	-	2,923,452
1984	142,215	120,942	139,923	50,714	1,028,179	390,565	1,964,657	56,703	-	-	3,893,898
1985	162,746	135,900	149,786	84,913	1,131,442	819,485	2,744,251	-	-	-	5,229,523
1986	133,672	80,577	101,310	74,246	649,716	621,246	2,053,246	34,377	-	-	3,748,390
1987	583,791	47,923	16,465	61,579	1,574,363	617,208	2,308,211	16,156	-	-	5,225,696
1988	312,960	141,945	84,954	57,809	926,193	373,983	2,251,872	31,252	-	-	4,180,968
Total Pro- duction (Net Tons)	1989	56,389	81,860	17,609	52,134	1,026,338	268,394	1,833,153	39,438	-	3,375,315

	YEAR	CARBON	COLUMBIA	DAUPHIN	LACKAWANNA	LUIZERNE	NORTHUMB'D	SCHUYLKILL	SULLIVAN	SUSQUE.	WAYNE	DIVISION
	1924	4,776	2,213	2,043	35,846	63,308	14,660	37,672	708	1,178	99	162,503
	1930	4,216	1,757	2,016	36,317	61,114	11,354	33,082	584	457	274	151,171
	1935	4,935	1,324	1,012	20,889	43,701	7,757	19,697	596	403	225	100,539
	1936	5,517	1,697	888	19,607	44,454	7,525	19,159	611	27	219	99,704
	1937	4,282	1,871	877	19,188	45,755	7,489	19,002	426	158	69	99,117
	1938	4,713	1,951	918	17,818	45,731	7,473	18,065 a	290	42	20	97,021
	1939	4,686	1,943	904	17,875	43,344	7,637	16,494 b	215	235	19	93,352
	1940	4,376	1,664	867	16,860	43,238	7,397	16,039 c	187	145	17	90,790
	1941	4,446	1,489	587	14,974	43,726	6,815	16,615 d	144	37	16	88,849
	1942	4,433	1,486	553	14,388	39,219	6,498	16,945 e	104	38	43	83,707
	1943	4,337	1,316	130	13,064	35,807	6,485	18,052 f	164	14	*	79,369
	1944	4,940	1,711	149	12,344	33,660	6,409	18,721 g	211	*	*	78,145
	1945	4,588	1,954	195	11,400	32,888	5,877	19,127 h	207	29	*	76,265
	1946	4,599	2,162	300	12,010	34,526	6,124	20,613	181	41	*	80,556
	1947	4,891	2,319	152	12,381	33,869	6,636	20,302	127	53	*	80,730
	1948	4,637	1,963	61	12,222	34,282	6,521	20,523 i	140	41	*	80,390
	1949	4,420	1,760	83	11,702	35,040	6,009	20,047 j	104	44	*	79,209
Em-	1950	3,739	1,705	125	11,005	33,176	5,852	19,458 k	101	70	*	75,231
ployes	1951	3,872	1,496	153	10,410	30,596	5,583	18,159 m	79	9	*	70,357
	1952	3,279	1,352	40	9,717	28,512	5,538	17,937 n	63	-	-	66,438
	1953	2,987	1,298	71	8,496	23,974	4,949	15,116 o	61	-	-	56,952
	1954	2,483	957	72	7,074	17,202	4,090	12,747	106	-	-	44,731
	1955 #	2,197	1,121	203	4,954	14,399	4,380	10,123 p	20	-	-	37,397
	1956	2,092	1,104	210	4,415	14,218	3,169	9,806 q	7	-	8	35,029
	1957	1,892	1,143	191	4,309	12,442	3,239	9,544 r	7	-	-	32,767
	1958	837	1,064	167	3,448	9,642	3,022	8,512 s	25	3	18	26,738
	1959	613	853	208	3,235	8,397	2,857	7,923 t	22	-	4	24,112
	1960	759	583	208	2,937	6,002	2,817	6,928 u	21	4	10	20,269
	1961	349	416	201	2,167	5,126	2,689	5,998 v	16	3	6	16,971
	1962	339	387	223	1,523	4,558	2,115	5,538 w	13	2	6	14,704
	1963	387	366	187	1,239	4,626	1,994	5,497 x	13	-	14	14,323
	1964	334	549	188	1,171	4,538	1,948	4,832 y	19	-	5	13,584
	1965	200	288	159	992	4,167	1,647	4,363 z	17	3	3	11,839
	1966	231	158	117	915	3,428	1,312	3,437 aa	15	5	3	9,621
	1967	224	240	90	475	3,021	866	2,892 bb	15	5	-	7,828
	1968	198	188	77	421	2,366	765	2,646	15	6	-	6,682
	1969	283	154	80	410	2,077	806	2,617	26	8	-	6,461
	1970	299	150	71	370	2,038	731	2,591	36	-	-	6,286
	1971	116	116	60	323	1,799	659	2,534	36	2	-	5,816
	1972	150	95	47	284	1,401	493	1,961	20	-	-	4,431
	1973	44	24	50	251	1,343	472	1,862	21	6	-	4,053
	1974	69	39	44	239	1,149	451	1,807	16	17	-	3,831
	1975	63	88	37	111	884	507	2,148	31	8	-	3,877
	1976	61	92	38	85	780	501	2,045	33	6	-	3,641
	1977	55	75	34	113	682	504	2,098	42	cc	-	3,603
	1978	93	65	34	57	673	489	2,004	57	dd	-	3,472
	1979	27	91	35	36	624	438	2,008	48	ee	-	3,210
	1980	31	102	28	32	663	472	2,068	48	ee	3	3,429

YEAR	CARBON	COLUMBIA	DAUPHIN	LACKAWANNA	LUZERNE	NORTHUMB'D	SCHUYLKILL	SULLIVAN	SUSQUE.	WAYNE	DIVISION
1981	41	114	10	33	599	451	2,285	76 gg	-	-	3,609
1982	67	101	58	43	668	482	2,179	39	-	-	3,641
1983	46	74	49	16	614	525	1,638	39	2	-	3,003
1984	79	101	59	18	542	564	1,816	60	-	-	3,239
1985	70	67	66	33	586	391	2,007	5	-	-	3,225
1986	44	69	76	43	568	360	1,526	37	-	-	2,723
1987	78	45	18	40	664	327	1,418	27	-	-	2,617
1988	72	62	55	74	445	248	1,545	39	-	-	2,540
1989	66	44	51	68	501	212	1,472	29	-	-	2,443

Em-  
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YEAR	CARBON	COLUMBIA	DAUPHIN	LACKAWANNA	LUZERNE	NORTHUMB'D	SCHUYLKILL	SULLIVAN	SUSQUE.	WAYNE	DIVISION
1924	1,325,996	498,917	566,352	9,879,932	17,094,203	4,008,190	10,214,942	85,557	350,847	29,205	44,054,141
1930	738,578	257,535	371,794	7,689,354	12,990,705	3,010,032	6,482,976	38,484	52,749	43,458	31,675,665
1935	727,462	178,122	195,668	4,301,651	7,899,403	1,724,406	3,570,398	85,202	87,390	44,585	18,814,287
1936	781,883	367,474	141,498	4,439,859	8,048,873	1,606,329	3,598,172	127,098	4,275	39,496	19,154,957
1937	725,560	378,726	176,737	3,564,769	6,680,115	1,395,236	3,406,363	52,506	13,648	9,714	18,403,374
1938	783,486	372,549	175,948	3,162,859	7,699,347	1,316,707	3,039,160 a	28,581	3,570	3,257	16,585,464
1939	821,611	318,779	185,320	3,225,238	8,234,943	1,483,189	2,888,408 b	21,382	43,656	2,735	17,225,261
1940	789,147	322,265	176,868	3,288,238	7,959,512	1,328,685	3,067,419 c	24,683	20,590	2,414	16,979,821
1941	846,859	274,325	129,826	3,063,605	8,586,535	1,479,290	3,260,577 d	27,035	5,708	2,544	17,676,304
1942	1,021,633	349,214	21,316	3,462,164	10,163,813	1,535,344	3,972,274 e	21,884	8,066	9,432	20,565,137
1943	1,156,102	351,130	37,310	3,571,795	9,902,178	1,680,211	4,659,538 f	39,286	3,276	*	21,400,826
1944	1,446,126	500,067	46,488	3,703,717	10,246,301	1,681,792	5,125,620 g	59,589	*	*	22,809,700
1945	1,213,929	522,380	50,878	3,075,875	9,007,593	1,516,281	4,783,602 h	53,892	5,054	*	20,229,484
1946	1,203,296	506,786	22,220	3,308,524	9,599,152	1,572,477	5,179,903	39,356	16,225	*	21,447,939
1947	1,320,100	626,568	2,873	3,382,378	9,602,447	1,790,633	5,639,097	23,233	5,202	*	22,392,531
1948	1,259,080	319,830	12,152	3,409,360	9,641,708	1,725,123	5,130,772 i	28,335	7,704	*	21,534,064
1949	870,672	511,400	9,553	2,618,620	6,578,335	1,405,854	4,338,959 j	12,760	16,320	*	16,362,473
1950	823,173	526,441	24,361	2,541,870	6,642,519	1,961,803	5,035,437 k	14,265	30,131	*	17,600,000
1951	738,600	369,305	27,540	2,420,001	6,110,011	1,693,285	4,340,356 m	13,652	2,250	-	15,715,000
1952	699,734	301,122	10,857	2,041,500	5,989,000	1,149,720	3,790,865 n	12,970	-	-	13,995,768
1953	502,738	211,212	9,945	1,397,249	4,483,055	880,576	2,676,234 o	8,875	-	-	10,169,884
1954	367,751	164,373	15,110	839,153	3,085,312	948,934	2,264,934	5,849	-	-	7,691,416
1955	377,622	152,351	31,643	842,613	3,015,005	519,882	1,768,767 p	1,953	-	-	6,709,836
1956	414,199	202,062	45,290	983,114	2,982,331	666,321	2,009,587 q	2,142	-	544	7,305,590
1957	267,133	213,100	39,381	825,397	2,364,390	670,183	1,803,776 r	1,820	-	-	6,185,180
1958	146,841	181,801	32,798	555,748	1,812,300	558,029	1,574,124 s	4,286	600	3,618	4,870,145
1959	88,229	142,597	32,264	602,415	1,370,903	535,469	1,382,621 t	2,950	-	536	4,157,984
1960	77,790	77,423	33,550	531,703	1,274,306	486,175	1,151,822 u	4,500	340	900	3,638,309
1961	79,052	69,179	32,200	438,525	1,139,925	408,027	1,149,644 v	4,176	363	696	3,321,787
1962	79,582	64,902	33,008	299,472	997,943	390,864	1,123,798 w	2,159	368	246	2,992,342
1963	102,359	55,766	38,158	259,189	1,098,611	432,184	1,100,426 x	1,730	-	2,576	3,090,999
1964	68,057	104,052	37,552	250,347	1,057,471	408,207	1,002,987 y	1,624	-	310	2,930,607
1965	35,696	61,212	27,274	166,990	852,831	297,408	811,710 z	2,693	660	360	2,256,834
1966	43,001	37,488	21,965	107,826	729,437	233,234	652,550 aa	2,221	406	30	1,828,158
1967	45,337	64,373	17,150	96,979	675,177	193,816	611,087 bb	3,749	188	-	1,707,856
1968	52,421	39,626	15,786	100,916	520,398	172,550	593,675	3,762	468	-	1,499,602
1969	61,244	43,544	15,673	85,247	452,572	153,040	558,604	4,850	132	-	1,374,906
1970	63,872	33,242	14,232	87,360	464,678	150,070	585,841	8,910	-	-	1,408,205
1971	68,115	32,540	13,339	81,681	367,071	134,501	556,815	7,812	68	-	1,261,942
1972	26,077	18,023	8,639	68,925	310,811	104,372	410,065	3,888	-	-	950,800
1973	10,390	3,359	9,023	66,728	319,692	99,791	433,118	3,501	510	-	946,112
1974	15,876	8,082	8,942	30,147	221,528	102,778	443,439	2,928	1,682	-	835,402
1975	13,992	12,385	7,773	19,511	181,512	91,520	492,111	4,707	480	-	823,991
1976	13,586	16,586	7,254	18,094	181,300	103,232	503,195	9,690	1,773	-	854,710
1977	13,776	14,135	7,160	19,561	163,339	108,291	487,333	10,248 cc	-	-	823,843
1978	18,052	8,306	6,672	7,694	165,558	109,361	444,434	14,855 dd	-	-	774,932
1979	7,821	19,821	7,884	5,298	141,001	83,329	491,817	8,499 ee	375	-	774,380
1980	7,581	19,821	7,884	7,836	173,630	159,027	534,817	e	340	-	918,111

Man-Days

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YEAR	CARBON	COLUMBIA	DAUPHIN	LACKAWANNA	LUZERNE	NORTHUMB'D	SCHUYLKILL	SULLIVAN	SUSQUE.	WAYNE	DIVISION
1981	9,562	25,659	2,150	5,180	130,742	98,696	532,742	15,487 gg	-	-	820,218
1982	17,315	19,876	10,752	5,472	136,073	108,665	513,941	2,210	324	-	814,628
1983	11,614	16,652	9,316	2,483	155,285	94,135	355,219	10,248	150	-	655,102
1984	20,096	16,735	12,464	3,898	117,764	104,735	427,951	13,895	-	-	717,638
1985	17,265	11,966	17,832	5,923	147,324	83,027	442,972	1,135	-	-	727,444
1986	10,654	12,883	13,860	6,428	122,299	74,163	317,939	9,328	-	-	567,554
1987	19,812	9,034	2,890	6,023	166,518	102,355	323,029	6,679	-	-	637,540
1988	18,144	12,360	14,305	10,247	104,326	51,243	331,274	9,846	-	-	551,745
1989	16,698	12,770	10,055	14,830	121,002	44,598	315,956	8,014	-	-	543,923

Man-  
Days

YEAR	CARBON	COLUMBIA	DAUPHIN	LACKAWANNA	LUZERNE	NORTHUMB'D	SCHUYLKILL	SULLIVAN	SUSQUE.	WAYNE	DIVISION
1924	278	225	277	276	270	273	271	121	298	295	271
1930	175	147	184	212	213	265	196	66	115	159	210
1935	147	135	193	206	181	222	181	143	217	198	187
1936	142	215	159	224	181	213	188	208	171	181	193
1937	169	202	201	186	190	186	180	123	86	141	186
1938	166	191	192	178	168	176	168 a	103	85	163	171
1939	175	164	205	180	190	194	175 b	100	186	144	185
1940	180	194	204	195	183	180	191 c	132	142	142	187
1941	190	184	221	205	196	217	196 d	188	154	159	199
1942	230	235	39	241	259	236	234 e	210	212	219	246
1943	267	267	287	273	277	259	258 f	239	234	*	269
1944	293	292	312	300	304	262	274 g	282	*	*	292
1945	265	267	261	270	274	258	250 h	260	174	*	265
1946	262	234	74	275	278	257	251	217	272	*	266
1947	269	270	139	272	283	269	277	183	255	-	277
1948	272	163	199	279	281	265	250 i	202	188	-	268
1949	197	291	115	224	188	234	216 j	123	260	-	207
1950	220	280	195	235	205	280	250 k	140	280	-	220
1951	193	227	180	250	222	240	241 m	192	250	-	233
1952	213	222	224	240	238	210	215 n	206	-	-	211
1953	168	163	140	164	187	178	177 o	146	-	-	179
1954	148	172	210	119	179	232	178	55	-	-	172
1955 #	172	136	156	171	209	119	175 p	97	-	-	179
1956	198	183	216	223	210	210	205 q	306	-	68	209
1957	141	186	206	192	190	207	189 r	260	-	-	189
Average 1958	175	171	196	161	188	185	185 s	171	200	201	182
Days 1959	144	167	155	186	163	187	175 t	134	-	134	172
Worked 1960	102	133	160	181	212	173	166 u	214	85	90	180
1961	227	166	160	202	222	242	192 v	261	121	116	196
1962	235	168	148	197	219	185	203 w	166	184	41	204
1963	264	152	204	209	237	217	200 x	133	-	184	216
1964	204	190	200	214	233	210	208 y	85	-	62	216
1965	187	188	171	168	223	180	186 z	158	220	120	191
1966	186	237	188	118	213	178	190 aa	148	81	10	190
1967	202	268	191	204	224	224	211 bb	250	37	-	218
1968	265	146	205	240	220	226	225	251	78	-	224
1969	216	283	195	207	218	190	214	186	16	-	213
1970	214	222	200	236	228	205	226	247	-	-	224
1971	238	281	222	253	204	204	220	217	34	-	217
1972	174	190	184	243	222	212	212	195	-	-	215
1973	236	140	180	266	238	211	235	167	85	-	233
1974	230	207	203	126	193	228	240	183	99	-	218
1975	222	141	210	176	205	181	229	152	60	-	213
1976	221	180	191	213	233	207	246	294	295	-	235
1977	250	188	211	173	240	215	232	312	-	-	229
1978	194	128	196	135	246	224	222	288	-	-	223
1979	260	211	224	144	225	213	244	81	125	-	233
1980	243	265	274	245	251	337	259	@	180	-	222

Average  
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YEAR	CARRON	COLUMBIA	DAUPHIN	LACKAWANNA	LUZERNE	NORTHUMB'D	SCHUYLKILL	SULLIVAN	SUSQUE.	WAYNE	DIVISION
1981	233	225	215	157	218	219	233	386 99	-	-	229
1982	258	197	185	127	204	225	236	57	81	-	224R
1983	252	225	190	155	253	179	217	263	75	-	218
1984	254	165	211	216	217	185	235	231	-	-	221
1985	247	178	270	179	251	212	221	227	-	-	225
1986	242	187	182	149	215	206	208	252	-	-	208
1987	254	201	227	151	251	313	228	247	-	-	244
1988	252	199	260	138	234	206	214	252	-	-	217
1989	253	290	197	218	241	210	214	276	-	-	222

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YEAR	CARBON	COLUMBIA	DAUPHIN	LACKAWANNA	LUZERNE	NORTHUMB'D	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	-	-	-	55
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	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
1974	-	-	-	-	-	1	1	-	-	-	2
1975	-	-	-	-	-	1	-	-	-	-	1
1976	-	-	-	-	-	-	1	-	-	-	1
1977	-	-	-	-	2	-	9	-	-	-	11
1978	-	-	-	-	1	-	-	-	-	-	1
1979	-	-	-	-	-	1	-	-	-	-	1
1980	-	-	-	-	-	-	3	-	-	-	3

Fatal-  
ities

YEAR	CARBON	COLUMBIA	DAUPHIN	LACKAWANNA	LUZERNE	NORTHUMB'D	SCHUYLKILL	SULLIVAN	SUSQUE.	WAYNE	DIVISION
1981	1	-	-	-	-	-	-	-	-	-	1
1982	-	-	-	-	-	-	-	-	-	-	-
1983	-	-	-	-	-	-	1	-	-	-	1
1984	-	-	-	-	-	-	-	-	-	-	-
1985	-	-	-	-	-	-	6	-	-	-	6
1986	-	-	-	-	-	-	3	-	-	-	3
1987	-	-	-	-	-	-	-	-	-	-	-
1988	-	-	-	-	-	-	1	-	-	-	1
1989	-	-	-	-	-	1	-	-	-	-	1

Fatal-  
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YEAR	CARBON	COLUMBIA	DAUPHIN	LACKAWANNA	LUZERNE	NORTHUMB'D	SCHUYLKILL	SULLIVAN	SUSQUE.	WAYNE	DIVISION
1924	241,347	96,975	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
Pro- duc- tion	1955 #	349,938	-	518,986	310,040	458,231	671,472	-	-	-	432,247
Per	1956	436,572	-	461,795	424,468	587,476	628,672	-	-	-	521,771
Fa- tal	1957	369,014	212,620	195,499	382,916	569,269	851,832	-	-	-	493,401
	1958	-	888,009	-	1,047,085	451,602	811,982	-	-	-	659,886
	1959	518,252	346,112	-	357,971	257,197	1,061,726	-	-	-	427,622
	1960	519,583	474,234	-	168,455	384,335	1,386,229	-	-	-	506,318
	1961	579,106	-	-	1,194,971	530,795	668,093	-	-	-	868,769
	1962	-	-	-	-	533,688	1,702,891	-	-	-	634,474
	1963	727,455	445,749	-	321,491	534,365	520,742	-	-	-	580,373
	1964	-	-	-	879,898	807,129	283,385	-	-	-	688,529
	1965	-	208,136	196,495	-	2,673,338	1,600,886	-	-	-	1,788,727
	1966	-	-	-	-	2,239,108	-	-	-	-	2,406,275
	1967	-	-	-	-	1,048,071	708,710	-	-	-	1,283,605
	1968	-	-	-	279,229	1,738,032	-	-	-	-	2,756,370
	1969	-	-	-	-	840,244	1,309,666	-	-	-	781,985
	1970	-	-	-	-	2,719,940	-	-	-	-	2,312,002
	1971	-	-	-	-	-	894,462	-	-	-	4,093,980
	1972	-	-	-	-	2,022,194	-	-	-	-	2,154,031
	1973	-	-	-	-	1,960,574	-	-	-	-	6,293,013
	1974	-	-	-	-	-	1,044,012	-	-	-	3,045,012
	1975	-	-	-	-	-	790,973	-	-	-	5,628,741
	1976	-	-	-	-	-	-	-	-	-	5,291,776
	1977	-	-	-	-	601,884	-	-	-	-	460,063
	1978	-	-	-	-	1,318,836	-	-	-	-	5,037,960

YEAR	CARBON	COLUMBIA	DAUPHIN	LACKAWANNA	LUZERNE	NORTHUMB'D	SCHUYLKILL	SULLIVAN	SUSQUE.	WAYNE	DIVISION
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	-	-	-	-	268,394

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YEAR	CARBON	COLUMBIA	DAUPHIN	LACKAWANNA	LUZERNE	NORTHUMB'D	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
Fatal- ities	1951	5.42	8.12	-	5.37	7.20	4.72	5.07	-	-	5.98
Per	1952	11.43	16.60	-	4.90	6.18	8.70	5.80	-	-	6.57
Mil- tion	1953	5.97	4.73	-	5.01	6.69	3.41	5.60	-	-	5.80
Man- Days	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
	1974	-	-	-	-	-	-	2.25	-	-	2.39
	1975	-	-	-	-	-	10.92	-	-	-	1.21
	1976	-	-	-	-	-	-	1.98	-	-	1.16
	1977	-	-	-	-	12.24	-	18.47	-	-	13.35

YEAR	CARBON	COLUMBIA	DAUPHIN	LACKAWANNA	LUZERNE	NORTHUMB'D	SCHUYLKILL	SULLIVAN	SUSQUE.	WAYNE	DIVISION
1978	-	-	-	-	6.04	-	-	-	-	-	1.29
1979	-	-	-	-	-	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	-	-	-	-	-	3.16	-	-	-	-	1.84

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Man-  
Days

EXPLANATION OF SYMBOLS USED IN THIS REPORT

a -	Includes	6,184	tons,	13	employees,	124	days	and	1,612	man-days	for	Lebanon	County
b -	"	13,927	"	5	"	198	"	"	990	"	"	"	"
c -	"	17,330	"	13	"	136	"	"	1,773	"	"	"	"
d -	"	30,716	"	26	"	187	"	"	4,856	"	"	"	"
e -	"	35,641	"	39	"	118	"	"	4,593	"	"	"	"
f -	"	21,981	"	22	"	257	"	"	5,654	"	"	"	"
g -	"	21,550	"	14	"	210	"	"	2,940	"	"	"	"
h -	"	37,690	"	41	"	241	"	"	9,881	"	"	"	"
i -	"	21,982	"	6	"	223	"	"	1,338	"	"	"	"
j -	"	21,763	"	7	"	226	"	"	1,582	"	"	"	"
k -	"	22,978	"	5	"	267	"	"	1,335	"	"	"	"
m -	"	26,657	"	13	"	308	"	"	2,020	"	"	"	"
n -	"	24,767	"	11	"	286	"	"	2,156	"	"	"	"
o -	"	6,560	"	10	"	46	"	"	460	"	"	"	"
p -	"	3,752	"	20	"	120	"	"	2,480	"	"	"	"
q -	"	6,359	"	22	"	107	"	"	2,358	"	"	"	"
r -	"	3,550	"	5	"	188	"	"	940	"	"	"	"
s -	"	9,106	"	6	"	98	"	"	588	"	"	"	"
t -	"	4,450	"	6	"	153	"	"	910	"	"	"	"
u -	"	2,770	"	3	"	230	"	"	690	"	"	"	"
v -	"	13,654	"	5	"	72	"	"	360	"	"	"	"
w -	"	13,101	"	7	"	118	"	"	824	"	"	"	"
x -	"	26,192	"	15	"	192	"	"	2,893	"	"	"	"
y -	"	33,019	"	14	"	124	"	"	1,737	"	"	"	"
z -	"	43,000	"	10	"	163	"	"	1,630	"	"	"	"
aa -	"	39,237	"	9	"	70	"	"	634	"	"	"	"
bb -	"	2,700	"	5	"	18	"	"	90	"	"	"	"
cc -	"	26,188	"	14	"	107	"	"	1,500	"	"	Bradford	County
dd -	"	132,263	"	19	"	206	"	"	3,906	"	"	"	"
ee -	"	122,128	"	35	"	212	"	"	7,434	"	"	"	"
ff -	"	229,550	"	-	"	-	"	"	-	"	"	"	"
gg -	"	236,777	"	51	"	224	"	"	11,437	"	"	"	"

NOTE: The year 1924 was selected as a normal year in order that comparison might be made with the depression years that are a part of this report.

\* Not segregated from Lackawanna County.

# In 1955 and subsequent years, the production, employes, fatalities, etc., of deep mines employing fewer than five (5) persons inside are included in the County totals.

@ Reorganization in inspector's area, data unavailable at time of publication. Limited data taken from monthly reports.

R Revised - Corrected in the year of 1983.

ANTHRACITE COAL REGION

DEEP

DISTRICT-COUNTY CROSS REFERENCE LIST

1989

<u>DISTRICT</u>	<u>COUNTIES</u>
1	Lackawanna, Luzerne, Schuylkill, Sullivan
2	Columbia, Northumberland, Schuylkill
3	Northumberland
4	Carbon, Schuylkill
5	Schuylkill
6	Dauphin, Schuylkill

ANTHRACITE AND BITUMINOUS SURFACE COAL REGION

PENNSYLVANIA

COUNTY CODE CROSS REFERENCE LIST

01 Adams	24 Elk	47 Montour
02 Allegheny	25 Erie	48 Northampton
03 Armstrong	26 Fayette	49 Northumberland
04 Beaver	27 Forest	50 Perry
05 Bedford	28 Franklin	51 Philadelphia
06 Berks	29 Fulton	52 Pike
07 Blair	30 Greene	53 Potter
08 Bradford	31 Huntingdon	54 Schuylkill
09 Bucks	32 Indiana	55 Snyder
10 Butler	33 Jefferson	56 Somerset
11 Cambria	34 Juniata	57 Sullivan
12 Cameron	35 Lackawanna	58 Susquehanna
13 Carbon	36 Lancaster	59 Tioga
14 Centre	37 Lawrence	60 Union
15 Chester	38 Lebanon	61 Venango
16 Clarion	39 Lehigh	62 Warren
17 Clearfield	40 Luzerne	63 Washington
18 Clinton	41 Lycoming	64 Wayne
19 Columbia	42 McKean	65 Westmoreland
20 Crawford	43 Mercer	66 Wyoming
21 Cumberland	44 Mifflin	67 York
22 Dauphin	45 Monroe	99 Out-of-State
23 Delaware	46 Montgomery	