

**INDUSTRIAL MINERALS
SURFACE MINE OPERATORS
PRODUCTION
TABLE**

ADAMS COUNTY

Production of Minerals -- Net Tons

Operators and Mines/ or Surface Mine Permit No.	Shipped to Market			TOTAL PRODUCTION OF MINERALS MINED	Type of Rock or Mineral Being Mined	TOTAL POUNDS OF EXPLOSIVES USED	Average Days Worked	No. of Employes	Fatal Acci- dents	Non- Fatal Acci- dents
	By Rail	By Water	By Truck							
Beebe, Harold R. 10910802	-	-	115	115	topsoil	-	3	1	-	-
Clapsaddle, Wilson C. 302006(a)	-	-	2,510	2,510	sand/fill	-	332	1	-	-
Glen-Gery Corp. 4975SM3	-	-	596	596	shale	-	100*	1)	-	-
4975SM4	-	-	619	619	shale	-	100*)	-	-
4975SM5	-	-	572	572	shale	-	100*)	-	-
6478NC3	-	-	637	637	shale	-	100*)	-	-
TOTAL	-	-	2,424	2,424		-		1	-	-
Gross Minerals Corp. 4974SM3	-	-	806	806	sericite	-	2	1	-	-
ISP Minerals 6477SM5	290,384	-	210,278	500,662	metabasalt	897,700	365	134	-	6
Tarmac America 01870301C3	957,553	-	1,864,186	3,602,115	limestone/ dolomite	1,340,717	239	85	-	-
Valley Quarries, Inc. 0174010	-	-	173,055	156,420	traprock	80,215	170	7	-	-
01740601-01-0	-	-	338,421	317,668	traprock	115,516	167	15	-	1
TOTAL	-	-	511,476	474,088		195,731		22	-	1
COUNTY TOTAL	1,248,937	-	2,591,795	4,582,720		2,434,148		245	-	7

Note: (a) No permit number shown, only their license number

* Estimated

280

ALLEGHENY COUNTY

Production of Minerals -- Net Tons

Operators and Mines/ or Surface Mine Permit No.	Shipped to Market			TOTAL PRODUCTION OF MINERALS MINED	Type of Rock or Mineral Being Mined	TOTAL POUNDS OF EXPLOSIVES USED	Average Days Worked	No. of Employes	Fatal Acci- dents	Non- Fatal Acci- dents
	By Rail	By Water	By Truck							
Northern Allegheny Stone, Inc. 02920401	-	-	30,965	30,965	sandstone	13,178	102	4	-	-
Olszewski Contracting Co. Inc. 02940301-01	-	-	159,712	159,712	clay	-	37	9	-	-
Redland Brick, Inc. 3476SM22T (a)	-	-	-	53,700	shale	-	265	3	-	-
COUNTY TOTAL	-	-	190,677	244,377		13,178		16	-	-

Note: (a) All shale used on site for own brick production

ARMSTRONG COUNTY

Production of Minerals -- Net Tons

Operators and Mines/ or Surface Mine Permit No.	Shipped to Market			TOTAL PRODUCTION OF MINERALS MINED	Type of Rock or Mineral Being Mined	TOTAL POUNDS OF EXPLOSIVES USED	Average Days Worked	No. of Employees	Fatal Acci- dents	Non- Fatal Acci- dents
	By Rail	By Water	By Truck							
Allegheny Mineral Corp. 03840105	-	-	450,077	450,077	shale/ sandstone/ limestone	1,147,666	305	9	-	-
Continental Clay Co. 03920301*	-	-	-	-	-	-	-	-	-	-
Edwards, Robert J. 03922301	-	-	800	800	shale	-	100	1	-	-
Glacial Sand & Gravel Co. 03950301	-	-	276,652	276,652	sand/gravel	-	305	10	-	1
Glenn Fleming Construction 03862601	-	-	1,600	1,600	sandstone	-	16	3	-	-
M & M Lime Co., Inc. 03910401	-	-	13,543	13,543	limestone	-	30	3	-	-
Manor Minerals, Inc. 03823027 T 3572SM17	-	-	28,632 2,643	28,632 2,643	limestone limestone	4,713 5,527	98 104	3 2	- -	- -
TOTAL	-	-	31,275	31,275		10,240		5	-	-
Parker Sand & Gravel 3573SM8	-	-	24,036	24,036	sand/gravel	-	195	5	-	-
Seven Sisters Mining Co., Inc. 03860401	-	-	200,365	200,365	limestone/ sandstone/clay	156,500	280	15	-	2
Smith, D. Eugene 03942301	-	-	1,830	1,830	shale	-	30	1	-	-
South Buffalo Township 03852303	-	-	300	300	sand/gravel	-	15	4	-	-
West Penn Power Co. 03930301	-	-	80,000	80,000	clay/general fill	-	80	2	-	-
COUNTY TOTAL	-	-	1,080,478	1,080,478		1,314,406		58	-	3

Note: * Idle

BEAVER COUNTY

Production of Minerals -- Net Tons

Operators and Mines/ or Surface Mine Permit No.	Shipped to Market			TOTAL PRODUCTION OF MINERALS MINED	Type of Rock or Mineral Being Mined	TOTAL POUNDS OF EXPLOSIVES USED	Average Days Worked	No. of Employes	Fatal Acci- dents	Non- Fatal Acci- dents
	By Rail	By Water	By Truck							
Beaver Valley Aggregates										
04860301	-	-	35,000	35,000	slag	-	20	5	-	-
04960301	-	-	315,000	315,000	slag	-	123	7	-	-
			TOTAL							
			350,000	350,000				12	-	-
Darlington Brick & Clay Products Co.										
31725M4	-	-	37,056	37,056	shale	-	142	2	-	-
Georgetown Sand & Gravel										
3172M3	-	295,000	78,000	373,000	sand/gravel	-	204	8	-	-
Jerart, Inc.										
04910301	-	-	4,836	4,836	slag	-	55	2	-	-
Kerry Coal Co.										
04890101	-	-	22,608	22,608	clay	-	45	4	-	-
PMAC, Ltd.										
04920301	-	-	3,300	3,300	slag	-	55	2	-	-
Rifle Trucking & Salvage										
04930301	-	-	8,800	8,800	slag	-	160	3	-	-
			COUNTY TOTAL							
			-	295,000	504,600	799,600	-	33	-	-

BEDFORD COUNTY

Production of Minerals -- Net Tons

Operators and Mines/ or Surface Mine Permit No.	Shipped to Market			TOTAL PRODUCTION OF MINERALS MINED	Type of Rock or Mineral Being Mined	TOTAL POUNDS OF EXPLOSIVES USED	Average Days Worked	No. of Employes	Fatal Acci- dents	Non- Fatal Acci- dents
	By Rail	By Water	By Truck							
New Enterprise Stone & Lime Co., Inc. 05910301 4274SM10	-	-	7,868	7,868	limestone	-	40	1	-	-
	-	-	776,629	776,629	limestone/ dolomite	139,315	286	30	-	4
TOTAL	-	-	784,497	784,497		139,315		31	-	4
COUNTY TOTAL	-	-	784,497	784,497		139,315		31	-	4

BERKS COUNTY

Production of Minerals -- Net Tons

Operators and Mines/ or Surface Mine Permit No.	Shipped to Market			TOTAL PRODUCTION OF MINERALS MINED	Type of Rock or Mineral Being Mined	TOTAL POUNDS OF EXPLOSIVES USED	Average Days Worked	No. of Employees	Fatal Acci- dents	Non- Fatal Acci- dents
	By Rail	By Water	By Truck							
Allentown Cement Co., Inc.										
7775SM3	-	-	1,263	1,263	limestone	-	25	1	-	-
7775SM4	-	-	73,675	80,000	limestone/soils	47,108	213	10	-	-
7775SM5	-	-	834	834	limestone/soils	-	2	1	-	-
7775SM10	-	-	#	722,555	limestone	382,083	365	157	-	14
TOTAL	-	-	75,772	804,652		429,191		169	-	14
Bashore, Inc., Barry 06890801	-	-	1,500	1,500	shale	-	50	2	-	-
Bechtold, Mark J. 400524(a)	-	-	1,900	1,900	shale	-	50	1	-	-
Berks Products Corp. 06910301	-	-	1,157,069	1,157,069	dolomitic/ limestone	633,591	254	14	-	7
6176SM2	-	-	207,655	207,655	dolomitic limestone	124,749	246	6	-	2
TOTAL	-	-	1,364,724	1,364,724		758,340		20	-	9
Bern Township Lions Assoc. 06810603	-	-	750	750	shale	-	10	1	-	-
Breneman, Inc., E. J. 7775SM2	-	-	-	(b)	eppler	-	220	1	-	-
Dyer Quarry, John T., The 775SM8	699,004	-	523,044	1,077,294	traprock	648,226	253	34	-	-
Eastern Industries, Inc. 06940301/7774SM3	-	-	560,000	560,000	limestone	400,000	220	25	-	2
7774SM1	-	-	640,000	640,000	limestone	430,000	220	20	-	2
TOTAL	-	-	1,200,000	1,200,000		830,000		45	-	4
Empire Wrecking Co. 6177SM2	-	-	25,000	25,000	silica/gravel	-	50	4	-	-
Glen-Gery Corp. 7775SM6	-	-	81,600	81,600	shale	-	208	2	-	-
7775SM9	-	-	76,025	76,025	shale	-	208	2	-	-
7775SM11	-	-	81,600	81,600	shale	-	9	8	-	-
TOTAL	-	-	239,225	239,225		-		12	-	-

BERKS COUNTY (Continued)

Production of Minerals -- Net Tons

Operators and Mines/ or Surface Mine Permit No.	Shipped to Market			TOTAL PRODUCTION OF MINERALS MINED	Type of Rock or Mineral Being Mined	TOTAL POUNDS OF EXPLOSIVES USED	Average Days Worked	No. of Employees	Fatal Acci- dents	Non- Fatal Acci- dents
	By Rail	By Water	By Truck							
Kunkle, Thomas J. 06880801	-	-	340	340	surface rock	-	55	1	-	-
Martin Stone Quarry, Inc. 06920301	-	-	83,300	83,300	granitic gneiss	36,564	53	4	-	-
7776SM1	-	-	938,050	938,050	granitic gneiss	556,686	225	35	-	-
TOTAL	-	-	1,021,350	1,021,350		593,250		39	-	-
National Earth Products, Inc. 06850301	-	-	38,427	38,427	clay	-	10	2	-	-
06880301	-	-	8,774	8,774	clay	-	36	2	-	-
TOTAL	-	-	47,201	47,201				4	-	-
Pacton Corp. (c) 6176SM5	-	-	-	-	-	-	2	3	-	-
7774SM5	-	-	-	-	-	-	2	3	-	-
TOTAL	-	-	-	-	-	-		6	-	-
Pottstown Trap Rock Quarries, Inc. 7773SM1	-	-	319,038	231,310	argillite	106,646	200	13	-	-
Reber, Ray E. 06880806	-	-	1,400	1,400	shale	-	60	1	-	-
Rolling Rock Building Stone, Inc. 06880302	-	-	11,454	11,454	quartzite	-	225	21	-	2
Sheridan Corp. 06820601	-	-	266,947	276,707	trap rock	-	220	11	-	-
Temple Crushed Stone, Inc. 7775SM12	-	-	306,016	306,016	quartzite	160,422	166	8	-	-
Zwicky, Walter SM515	-	-	2,000	2,000	shale	-	30	1	-	-
COUNTY TOTAL	699,004	-	5,407,661	6,612,823		3,526,075		394	-	29

Note: (a) No permit number shown, only their license number.
 (b) Product sold from existing stock pile.
 (c) Plant did not work. Two days hauling material from the stockpile.
 # Conveyor

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BLAIR COUNTY

Production of Minerals -- Net Tons

Operators and Mines/ or Surface Mine Permit No.	Shipped to Market			TOTAL PRODUCTION OF MINERALS MINED	Type of Rock or Mineral Being Mined	TOTAL POUNDS OF EXPLOSIVES USED	Average Days Worked	No. of Employes	Fatal Acci- dents	Non- Fatal Acci- dents
	By Rail	By Water	By Truck							
New Enterprise Stone & Lime Co., Inc.										
4274SM11	65,118	-	1,741,300	1,806,418	limestone/ dolomite	840,839	286	28	-	3
4274SM28	-	-	525	525	limestone	-	1	1	-	-
TOTAL	65,118	-	1,741,825	1,806,943				29	-	3
Sproul Lime & Stone Co.										
4273SM4	-	-	5,700	5,700	oriskanny	-	5	2	-	-
COUNTY TOTAL	65,118	-	1,747,625	1,812,643		840,839		31	-	3

BRADFORD COUNTY

Production of Minerals -- Net Tons

Operators and Mines/ or Surface Mine Permit No.	Shipped to Market			TOTAL PRODUCTION OF MINERALS MINED	Type of Rock or Mineral Being Mined	TOTAL POUNDS OF EXPLOSIVES USED	Average Days Worked	No. of Employees	Fatal Acci- dents	Non- Fatal Acci- dents
	By Rail	By Water	By Truck							
Bronson Construction Co., Inc. 08940803	-	-	768	768	topsoil/gravel	-	50	1	-	-
Cook Sand & Gravel, Ralph M. 5076SM2	-	-	35,471	35,471	sand/gravel	-	297	1	-	-
Cross, Jr., Clifford L. 08860301	-	-	64	64	gravel	-	1	1	-	-
Dalrymple Gravel & Contracting Co., Inc. 08830301	-	-	280,00	280,000	sand/gravel	-	165	18	-	-
Falsy, Donald E. SM33-1	-	-	300	300	shale	-	3*	1	-	-
Graham Construction & Excavating 0896301-01	-	-	52,419	52,419	gravel	-	270	2	-	-
Hill Construction, Carl 08910302	-	-	7,961	7,961	gravel	-	95	2	-	-
Johnson, Robert 08920801	-	-	1,200	1,200	flagstone	8,200	119*	5	-	-
Newhart, Dennis L. 08960801	-	-	140	140	stone	-	120	1	-	-
Norton, John 08960802	-	-	1,111	1,111	flagstone	-	300	3	-	-
Pelton, Stephen J. 08920802	-	-	18,062	18,062	gravel	-	94	1	-	-
Pickett, William C. 08940805	-	-	400	400	flagstone	-	250	1	-	-
Preston, John 08940708	-	-	250	250	flagstone	-	208	3	-	-
Root, Charles T. 08910802	-	-	1,956	1,956	gravel	-	62	1	-	-
Simonds & Son Excavating, Inc., Tom 08950301	-	-	-	-	-	-	20	2	-	-
State Aggregates, Inc. 4774SM6	-	-	310,000	310,000	sand/gravel	-	190	21	-	4

BRADFORD COUNTY (Continued)

Production of Minerals -- Net Tons

Operators and Mines/ or Surface Mine Permit No.	Shipped to Market			TOTAL PRODUCTION OF MINERALS MINED	Type of Rock or Mineral Being Mined	TOTAL POUNDS OF EXPLOSIVES USED	Average Days Worked	No. of Employes	Fatal Acci- dents	Non- Fatal Acci- dents
	By Rail	By Water	By Truck							
Walters, William W. 08890804	-	-	1,980	1,980	flagstone	-	180	5	-	-
Ward Excavating, Inc., E.A. 08920804	-	-	1,835	1,835	sand/gravel	-	81	1	-	-
Wyoming Sand & Stone Co. 00800301	-	-	698,044	698,044	sand/gravel	-	206	7	-	-
Wysok Sand & Gravel, Inc. 08890301	-	-	91,610	91,610	volusia	-	177	5	-	-
COUNTY TOTAL	-	-	1,503,571	1,503,571		8,200		82	-	4

Note: * Estimated

BUCKS COUNTY

Production of Minerals -- Net Tons

Operators and Mines/ or Surface Mine Permit No.	Shipped to Market			TOTAL PRODUCTION OF MINERALS MINED	Type of Rock or Mineral Being Mined	TOTAL POUNDS OF EXPLOSIVES USED	Average Days Worked	No. of Employees	Fatal Acci- dents	Non- Fatal Acci- dents
	By Rail	By Water	By Truck							
Better Materials Corp. 7973SM2	-	-	1,924,474	1,924,474	argillite	1,104,592	215	38	-	6
Bucks County Crushed Stone Co. 7974SM2	-	-	529,684	529,684	argillite	320,249	164	6	-	2
Durnan Bros., Inc. 09870303	-	-	38,200	38,200	sand/gravel trap rock/	-	85	2	-	-
Edison Quarry, Inc. 7975SM4	-	-	96,000	96,000	argillite	46,732	240	3	-	-
G.R.O.W.S., Inc. 09840301	-	-	164,286	164,286	clay/various soils	-	132	4	-	-
09890302	-	-	2,036,302	2,036,302	various soils/fill	-	302	16	-	-
TOTAL	-	-	2,200,588	2,200,588		-		20	-	-
M & M Stone Co. 7974SM4	-	-	585,800	594,057	argillite	215,457	234	11	-	-
Miller & Son Paving, Inc. 09890303	-	-	233,375	233,375	argillite	180,496	181	5	-	1
Miller Quarries 7973SM3	-	-	690,140	690,140	argillite	354,096	237	6	1(a)	3
Naceville Materials 09890301	-	-	664,900	664,900	argillite	309,719	242	5	-	1
New Hope Crushed Stone & Lime Co. 7974SM3	-	-	685,923	799,105	dolomite/ limestone	383,223	298	14	-	-
Sahara Sand of Falls, Inc. 5476SM5	-	-	950	950	sand/gravel	-	5	1	-	-
Segletes, Ralph E. 09880801	-	-	1,818	1,818	shale	-	75*	1*	-	-
Warner Co. 09870301	-	-	1,785,745	1,785,745	sand/gravel	-	230	15	-	-
7975SM5	-	-	26,045	26,045	sand/gravel	-	35	1	-	-
TOTAL	-	-	1,811,790	1,811,790		-		16	-	-

BUCKS COUNTY (Continued)

Production of Minerals -- Net Tons

Operators and Mines/ or Surface Mine Permit No.	Shipped to Market			TOTAL PRODUCTION OF MINERALS MINED	Type of Rock or Mineral Being Mined	TOTAL POUNDS OF EXPLOSIVES USED	Average Days Worked	No. of Employes	Fatal Acci- dents	Non- Fatal Acci- dents
	By Rail	By Water	By Truck							
Warner Excavating, Inc., Marlyn "Rube" 09850801	-	-	2,000	2,000	shale	-	20	3	-	-
COUNTY TOTAL	-	-	9,465,642	9,587,081		2,914,564		131	1	13

Note: * Estimated

(a) Operator showed zero fatalities, but Harrisburg office has record that one occurred on May 8, 1996 at the site, (MDP# 7973SM3), killing a Gerald T. Little.

BUTLER COUNTY

Production of Minerals -- Net Tons

Operators and Mines/ or Surface Mine Permit No.	Shipped to Market			TOTAL PRODUCTION OF MINERALS MINED	Type of Rock or Mineral Being Mined	TOTAL POUNDS OF EXPLOSIVES USED	Average Days Worked	No. of Employes	Fatal Acci- dents	Non- Fatal Acci- dents
	By Rail	By Water	By Truck							
Allegheny Mineral Corp. 3072SM3 3074SM13	-	-	719,289	719,289	Vanport limestone	1,578,408	305	22	-	1
	-	-	783,209	783,209	Vanport limestone	1,127,476	305	20	-	-
TOTAL	-	-	1,502,498	1,502,498		2,705,884		42	-	1
Big "B" Mining Co. 10950301	-	-	22,290	22,290	clay	-	40	4	-	-
Cooper & Sons, Inc., H.W. 10930310 3075M26A	-	-	185,000	185,000	sand/gravel	-	180	7	-	-
	-	-	20,000	20,000	sand/gravel	-	90	1	-	-
TOTAL	-	-	205,000	205,000				8	-	-
Elliott, William M. 10930809	-	-	-	-	sand/gravel	-	-	-	-	-
Quality Aggregates, Inc. 10850306 10940306 10960301 (a)	-	-	138,075	138,075	limestone	228,783	295)	17)	-	-
	-	-	234,735	234,735	limestone	152,522))	-	-
	-	-	-	-	-	-))	-	-
TOTAL	-	-	372,810	372,810		381,305		17	-	-
Raducz Stone Corp. 10940807	-	-	1,990	1,990	sandstone	60	280	3	-	1
Schmidt, Gregory P. 10960803	-	-	200	200	topsoil	-	90	2	-	-
COUNTY TOTAL	-	-	2,104,788	2,104,788		3,087,249		76	-	2

Note: (a) Inventory