

SPSS Data Dictionary for MSHA Address/Employment Files

Variable Information

Variable	Position	Label	Measurement Level	Role	Column Width	Alignment	Print Format	Write Format	Missing Values
mineid	1	Mine ID: MSHA Mine ID assigned to a mining operation	Nominal	Input	9	Left	A7	A7	
contract	2	Contractor: MSHA Contractor code assigned to an independent contractor	Nominal	Input	10	Left	A7	A7	""
inspoff	3	Inspection Office: Code for MSHA Field office exercising jurisdiction over this mining operation	Nominal	Input	9	Right	F4	F4	0
state	4	State Code: FIPS code for state in which mine is located	Nominal	Input	7	Right	F2	F2	
county	5	County Code: FIPS code for county in which mine is located	Nominal	Input	8	Right	F3	F3	
sic	6	SIC: Standard Industrial Classification for primary commodity mined	Nominal	Input	7	Right	F5	F5	
canvass	7	Canvass or Class: Designated a general product class based on SIC code. Internally generated by IEIO	Nominal	Input	9	Right	F1	F1	
minetype	8	Mine Type: Metal/Nonmetal mine type code. Based on subunit operations code and canvass code	Nominal	Input	10	Right	F2	F2	
status	9	Status Code: Code for status of operations of mine (active to permanently closed)	Nominal	Input	8	Left	A1	A1	
statdate	10	Status Date: Date of latest add or change of status in YYMMDD format	Nominal	Input	10	Left	A8	A8	
seamhite	11	Seam Height: Coal seam height in inches. Coal only	Scale	Input	10	Right	F4	F4	0
priorst	12	Prior Status Code: When status code is changed, the previous status code will be moved to this position	Nominal	Input	9	Left	A1	A1	
travarea	13	Travel Area: Metal/Nonmetal inspection travel area. 1 alpha and 2 numeric characters.	Nominal	Input	10	Left	A3	A3	
mailcont	14	Mailing Control: Provides for suppression of mailouts	Nominal	Input	10	Right	F1	F1	
compname	15	Company Name: Company owning or having primary responsibility for the operation of this mine	Nominal	Input	26	Left	A30	A30	
minename	16	Mine or Plant Name: Name applied to this mine by the company	Nominal	Input	26	Left	A30	A30	
streetad	17	Street or PO Box Number: Mailing address for this mining operation	Nominal	Input	26	Left	A30	A30	
city	18	City: City to which mail is sent for this mining operation	Nominal	Input	15	Left	A13	A13	
stateabb	19	State Abbreviation: State abbreviation for mailing purposes	Nominal	Input	10	Left	A2	A2	
zipcode	20	Zip Code: Zip code for mailing purposes	Nominal	Input	9	Left	A5	A5	
countynm	21	County Name: Name of county in which mine is located	Nominal	Input	26	Left	A24	A24	
injcount	22	Injury Count: Number of reportable accidents and illnesses for the quarter given on Form 7000-2 by the mining company	Scale	Input	10	Right	F4	F4	
aveemp01	23	Underground Employees: Number of employees in	Scale	Input	10	Right	F8	F8	

Variables in the working file

		underground operations (subunit 01) ROUNDED							
emphrs01	24	Underground Employee-hrs: Employee-hrs worked in underground operations (subunit 01)	Scale	Input	10	Right	F10	F10	
tons01	25	Underground Tons: Tons of clean coal produced in underground operations (subunit 01)	Scale	Input	10	Right	F10	F10	
aveemp02	26	Surface at Underground Mine Employees: Number of employees at surf. operations of underground mines (subunit 02) ROUNDED	Scale	Input	10	Right	F8	F8	
emphrs02	27	Surface at Underground Mine Employee-hrs: Employee-hrs worked at surf. operations of UG mines (subunit 02)	Scale	Input	10	Right	F10	F10	
aveemp03	28	Strip Employees: Number of employees at strip mining operations (subunit 03) ROUNDED	Scale	Input	10	Right	F8	F8	
emphrs03	29	Strip Employee-hrs: Employee-hrs worked at strip mining operations (subunit 03)	Scale	Input	10	Right	F10	F10	
tons03	30	Strip Tons: Tons of clean coal produced at strip mining operations (subunit 03)	Scale	Input	10	Right	F10	F10	
aveemp04	31	Auger Employees: Number of employees in auger mining operations (subunit 04) ROUNDED	Nominal	Input	10	Right	F8	F8	
emphrs04	32	Auger Employee-hrs: Employee-hrs worked in auger mining operations (subunit 04)	Scale	Input	10	Right	F10	F10	
tons04	33	Auger Tons: Tons of clean coal produced in auger mining operations (subunit 04)	Scale	Input	10	Right	F10	F10	
aveemp05	34	Culm Bank Employees: Number of employees in culm bank operations (subunit 05) ROUNDED	Scale	Input	10	Right	F8	F8	
emphrs05	35	Culm Bank Employee-hrs: Employee-hrs worked in culm bank operations (subunit 05)	Scale	Input	10	Right	F10	F10	
tons05	36	Culm Bank Tons: Tons of clean coal produced in culm bank operations (subunit 05)	Scale	Input	10	Right	F10	F10	
aveemp06	37	Dredge Employees: Number of employees in dredge operations (subunit 06) ROUNDED	Scale	Input	10	Right	F8	F8	
emphrs06	38	Dredge Employee-hrs: Employee-hrs worked in dredge operations (subunit 06)	Scale	Input	10	Right	F10	F10	
tons06	39	Dredge Tons: Tons of clean coal produced in dredge operations (subunit 06)	Scale	Input	10	Right	F10	F10	
aveemp12	40	Other Surface Mining Employees: Number of employees in other surface mining operations (subunit 12) ROUNDED	Nominal	Input	10	Right	F8	F8	
emphrs12	41	Other Surface Mining Employee-hrs: Employee-hrs worked in other surface mining operations (subunit 12)	Scale	Input	10	Right	F10	F10	
aveemp17	42	Independent Shop & Yard Employees: Number of employees in independent shops and yards (subunit 17) ROUNDED	Scale	Input	10	Right	F8	F8	
emphrs17	43	Independent Shop & Yard Employee-hrs: Employee-hrs worked in independent shops and yards (subunit 17)	Scale	Input	10	Right	F10	F10	
aveemp30	44	Mill or Prep Plant Employees: Number of employees in mills	Scale	Input	10	Right	F8	F8	

Variables in the working file

		or prep plants (subunit 30) ROUNDED							
emphrs30	45	Mill or Prep Plant Employee-hrs: Employee-hrs worked in mills or prep plants (subunit 30)	Scale	Input	10	Right	F10	F10	
aveemp99	46	Office employees: Number of employees in offices (subunit 99) ROUNDED	Scale	Input	10	Right	F8	F8	
emphrs99	47	Office Number of Employee-hrs: Employee-hrs worked in offices (subunit 99)	Scale	Input	10	Right	F10	F10	
totprod	48	Total tons of clean coal produced	Scale	Input	10	Right	F10	F10	
tothrs	49	Total number of employee-hours	Scale	Input	10	Right	F10	F10	
avenemp	50	Average number of employees (Rounded at subunit level)	Scale	Input	10	Right	F8	F8	
year	51	Calendar year of data file (computed)	Scale	Input	10	Right	F4	F4	
coalmetl	52	Coal/Metal-nonmetal-stone-s&g identifier (computed)	Nominal	Input	10	Left	A1	A1	
opercent	53	Operator/Contractor identifier (computed)	Nominal	Input	10	Left	A1	A1	
district	54	MSHA District Office: Code for MSHA district exercising jurisdiction over this mining operation (recoded)	Nominal	Input	10	Left	A3	A3	""
commod	55	Commodity based on CANVASS (recoded)	Nominal	Input	10	Right	F1	F1	

Variables in the working file

Variable Values

Value	Label
mineid	0000000 Contractor
inspoff	100 Coal Dist 1-Wilkes Barre, PA (inactive)
	102 Pottsville, PA (inactive)
	103 Shamokin, PA (inactive)
	200 Coal Dist 2- New Stanton, PA
	201 Ruff Creek, PA
	202 Kittanning, PA
	203 Washington, PA (inactive)
	204 Johnstown, PA
	205 Indiana, PA
	206 Clearfield, PA
	207 Carrolltown, PA (inactive)
	208 Frackville, PA (100-103 prior to 2013)
	211 Monroeville, PA (inactive)
	212 Waynesburg, PA (inactive)
	213 Kittanning, PA (inactive)
	214 Washington, PA (inactive)
	221 Johnstown, PA (inactive)
	222 Indiana, PA (inactive)
	223 Clearfield, PA (inactive)
	224 Carrolltown, PA (inactive)
	300 Coal Dist 3-Morgantown, WV
	301 Morgantown, WV
	302 Fairmont, WV (inactive)
	303 Bridgeport, WV
	304 McHenry, MD
	305 St. Clairsville, OH
	306 Cadiz, OH (inactive)
	307 New Lexington, OH (inactive)
	308 Wellston, OH (inactive)
	311 Morgantown, WV (inactive)

312	Fairmont, WV (inactive)
313	Clarksburg, WV (inactive)
315	Oakland, MD (inactive)
316	Elkins, WV (inactive)
321	St. Clairsville, OH (inactive)
322	Cadiz, OH (inactive)
323	New Lexington, OH (inactive)
324	Wellston, OH (inactive)
400	Coal Dist 4-Mt Hope, WV
401	Mt. Hope, WV
402	Mt. Carbon, WV
403	Summersville, WV
404	Princeton, WV (changed to 1202 in 2010)
405	Pineville, WV (changed to 1201 in 2010)
406	Madison, WV
407	Logan, WV (changed to 1203 in 2010)
411	Mt. Hope, WV (inactive)
412	Mt. Carbon, WV (inactive)
413	Summersville, WV (inactive)
421	Princeton, WV (inactive)
422	Pineville, WV (inactive)
431	Madison, WV (inactive)
432	Logan, WV (inactive)
500	Coal Dist 5-Norton, VA
501	Norton, VA
502	Vansant, VA
503	Grundy, VA (inactive)
504	Pikeville, KY (601 prior to 2016)
505	Elkhorn City, KY (602 prior to 2016)
506	Phelps, KY (603 prior to 2016)
507	Whitesburg, KY (606 prior to 2016)
511	Norton, VA (inactive)
521	Richlands, VA (inactive)
522	Grundy, VA (inactive)
600	Coal Dist 6-Pikeville, KY (inactive)
601	Pikeville, KY (changed to 504 in 2016)
602	Elkhorn City, KY (changed to 505 in 2016)
603	Phelps, KY (changed to 506 in 2016)
604	Paintsville, KY (inactive)
605	Martin, KY (changed to 710 in 2016)
606	Whitesburg, KY (changed to 507 in 2016)
607	Hindman, KY (inactive)
611	Pikeville, KY (inactive)
613	Elkhorn City, KY (inactive)
614	Sidney, KY (inactive)
616	Phelps, KY (inactive)
621	Paintsville, KY (inactive)
623	Prestonburg, KY (inactive)
624	Whitesburg, KY (inactive)
700	Coal Dist 7-Barbourville, KY
701	Barbourville, KY
702	Harlan, KY
703	Jacksboro, TN
704	Hazard, KY
705	Hindman, KY (inactive)
706	Hyden, KY (inactive)
707	Jasper, TN (inactive)
710	Martin, KY (605 prior to 2016)
711	Barbourville, KY (inactive)

712	Harlan, KY (inactive)
714	Jellico, TN (inactive)
715	Jacksboro, TN (inactive)
722	Jasper, TN (inactive)
723	Hueytown, AL (inactive)
724	Jasper, AL (inactive)
731	Hazard, KY (inactive)
732	Hindman, KY (inactive)
733	Hyden, KY (inactive)
800	Coal Dist 8-Vincennes, IN
801	Vincennes, IN
802	Marion, IL
803	Litchfield, IL
804	Sparta, IL (inactive)
811	Vincennes, IN (inactive)
812	Benton, IL (inactive)
813	Hillsboro, IL (inactive)
814	Sparta, IL (inactive)
900	Coal Dist 9-Denver, CO
901	McAlester, OK (inactive)
902	Farmington, NM
903	Sheridan, WY (inactive)
904	Gillette, WY
905	Price, UT
906	Craig, CO
907	Delta, CO
908	Castle Dale, UT (inactive)
911	McAlester, OK (inactive)
912	Trinidad, CO (inactive)
913	Sheridan, WY (inactive)
914	Gillette, WY (inactive)
921	Price, UT (inactive)
922	Glenwood Springs, CO (inactive)
923	Delta, CO (inactive)
924	Castle Dale, UT (inactive)
1000	Coal Dist 10-Madisonville, KY
1001	Madisonville, KY
1002	Sturgis, KY
1011	Madisonville, KY (inactive)
1012	Morganfield, KY (inactive)
1013	Beaver Dam, KY (inactive)
1100	Coal Dist 11-Birmingham, AL
1101	Bessemer, AL
1102	Jasper, AL (inactive)
1103	Longview, TX (moved from 901 in 2013)
1200	Coal Dist 12-Pineville, WV
1201	Pineville, WV (405 prior to 2010)
1202	Princeton, WV (404 prior to 2010)
1203	Logan, WV (407 prior to 2010)
2000	Northeast District - Warrendale, PA
2621	Wyomissing, PA
2622	Wyomissing (North), PA (inactive)
2641	Staunton, VA
2651	Hebron, OH
2671	Beckley, WV (inactive)
2681	Warrendale, PA
2800	Albany, NY (inactive)
2811	Watertown, NY (inactive)
2831	Springfield, MA (inactive)

2841	Dover, NJ (inactive)
2851	Geneva, NY
2861	Manchester, NH
2881	Albany, NY
3000	Southeast District-Birmingham, AL
3611	Bartow, FL
3631	Macon, GA
3641	Staunton, VA (inactive)
3651	San Juan, PR
3661	Birmingham, AL
3800	Knoxville, TN (inactive)
3811	Franklin, TN
3821	Lexington, KY
3851	Columbia, SC
3861	Knoxville, TN
3871	Sanford, NC
4000	North Central District-Duluth, MN
4611	Hibbing, MN (inactive)
4631	Lansing, MI
4641	Marquette, MI
4651	Duluth, MN
4661	Hibbing, MN
4671	Fort Dodge, IA
4821	Peru, IL
4851	Hebron, OH (inactive)
4861	Vincennes, IN (inactive)
5000	South Central District-Dallas, TX
5600	Dallas, TX (inactive)
5611	San Antonio, TX
5631	Carlsbad, NM
5641	Albuquerque, NM
5651	Denham Springs, LA
5671	Dallas, TX
5831	Topeka, KS (inactive)
5841	Omaha, NE (inactive)
5851	Rolla-North, MO
5852	Rolla-South, MO
5861	Norman, OK
5871	Little Rock, AR
6000	Rocky Mountain District-Denver, CO
6611	Grand Junction, CO (inactive)
6621	Rapid City, SD
6641	Denver (West), CO (inactive)
6642	Denver, CO
6651	Topeka, KS
6800	Salt Lake City, UT (inactive)
6811	Moab, UT (inactive)
6821	Helena, MT
6831	Green River, WY
6841	Boulder City, NV (inactive)
6851	Salt Lake City, UT
6861	Mesa North, AZ
6862	Mesa South, AZ
7000	Western District-Vacaville, CA
7600	Bellevue, WA (inactive)
7611	Boise, ID
7621	Coeur D'Alene, ID (inactive)
7631	Albany, OR (inactive)
7641	Kent ,WA

	7651	Albany, OR
	7800	Phoenix, CA (inactive)
	7811	Tucson, AZ (inactive)
	7821	Vacaville, CA
	7831	San Bernardino, CA
	7841	Henderson, NV
	7851	Elko, NV
	7861	Anchorage, AK
	7871	Boise, ID (inactive)
	9998	Contractor (no inspection office)
state	1	Alabama
	2	Alaska
	4	Arizona
	5	Arkansas
	6	California
	8	Colorado
	9	Connecticut
	10	Delaware
	11	District of Columbia
	12	Florida
	13	Georgia
	15	Hawaii
	16	Idaho
	17	Illinois
	18	Indiana
	19	Iowa
	20	Kansas
	21	Kentucky
	22	Louisiana
	23	Maine
	24	Maryland
	25	Massachusetts
	26	Michigan
	27	Minnesota
	28	Mississippi
	29	Missouri
	30	Montana
	31	Nebraska
	32	Nevada
	33	New Hampshire
	34	New Jersey
	35	New Mexico
	36	New York
	37	North Carolina
38	North Dakota	
39	Ohio	
40	Oklahoma	
41	Oregon	
42	Pennsylvania	
44	Rhode Island	
45	South Carolina	
46	South Dakota	
47	Tennessee	
48	Texas	
49	Utah	
50	Vermont	
51	Virginia	
53	Washington	
54	West Virginia	

	55	Wisconsin
	56	Wyoming
	60	American Samoa (AS)
	61	Panama Canal Zone
	66	Guam (GU)
	69	Northern Mariana Islands (MP)
	72	Puerto Rico
	78	Virgin Islands
	98	Contractor-no state
county	998	Contractor-no county
sic	10110	Iron ore
	10210	Copper Ore
	10310	Lead and/or Zinc Ore
	10410	Gold (lode and placer)
	10440	Silver ores
	10510	Aluminum Ore
	10610	Ferroalloy ores
	10611	Chromite
	10612	Cobalt
	10613	Columbium - Tantalum
	10614	Manganese
	10615	Molybdenum
	10616	Nickel
	10617	Tungsten
	10920	Mercury
	10940	Uranium - vanadium ores
	10941	Uranium
	10942	Vanadium
	10990	Metal ores, NEC
	10991	Antimony
	10992	Beryl
	10993	Platinum group
	10994	Rare earths
	10995	Tin ore
	10996	Titanium
	10997	Zircon
	11110	Coal, Anthracite
	12110	Coal, Bituminous
	13111	Oil shale
	13112	Oil sand
	13113	Oil mining
	14110	Stone, dimension, NEC
	14111	Granite (dimension)
	14112	Limestone (dimension)
	14113	Marble (dimension)
	14114	Sandstone (dimension)
	14115	Slate (dimension)
	14116	Traprock (dimension)
	14119	Mica (dimension)
	14220	Limestone (crushed and broken)
	14230	Granite (crushed and broken)
	14290	Stone, crushed & broken, NEC
	14291	Marble (crushed & broken)
	14292	Sandstone (crushed & broken)
	14293	Slate (crushed & broken)
	14294	Traprock (crushed & broken)
	14296	Mica (crushed & broken)
	14410	Sand & gravel
	14420	Construction S&G; Sand, common

	14460	Sand, Industrial; Ground silica/quartz
	14530	Clay (fire)
	14550	Clay (common)
	14590	Clay, Ceramic and refractory, NEC
	14591	Aplite
	14592	Brucite
	14593	Feldspar
	14594	Kyanite
	14595	Magnesite
	14596	Shale (common)
	14720	Barite
	14730	Fluorspar
	14740	Potash, soda, & borate minerals, NEC
	14741	Boron Materials
	14742	Potash
	14743	Trona
	14744	Sodium compounds
	14750	Phosphate rock
	14760	Salt (rock)
	14770	Sulfur
	14790	Chemical and fertilizer, NEC
	14791	Lithium
	14792	Pigment mineral
	14793	Pyrites
	14794	Strontium
	14920	Gypsum
	14960	Talc, soapstone, & pyrophyllite
	14990	Nonmetallic minerals, NEC
	14991	Asbestos
	14992	Gemstones
	14993	Gilsonite
	14994	Mica
	14995	Peat (before 1979)
	14996	Perlite
	14997	Pumice
	14998	Vermiculite
	28190	Industrial chemicals, NEC
	28191	Alumina (Mill)
	28193	Bromine
	28991	Salt (evaporated)
	28992	Salt (in brine)
	29900	Leonardite
	32410	Cement
	32740	Lime
	99998	Contractor-no SIC
canvass	1	Anthracite Coal
	2	Bituminous Coal
	3	Sub-bituminous (not used)
	4	Lignite (not used)
	5	Sand and Gravel
	6	Stone
	7	Nonmetal
	8	Metal
	9	Contractor
minetype	1	Underground metal
	2	Underground nonmetal
	3	Underground stone
	4	Surface metal
	5	Surface nonmetal

	6	Surface stone
	7	Mills - metal
	8	Mills - nonmetal
	9	Mills - stone
	10	Sand & gravel
	11	Underground coal
	12	Surface coal
	13	Mills - coal
	14	Contractor
status	1	Full-time permanent (M/NM)
	2	Intermittent (including seasonal) (M/NM)
	3	Non-producing (M/NM)
	4	Permanently abandoned (M/NM)
	A	Active (coal)
	B	Mine closed by MSHA (coal)
	C	Temporarily closed (coal)
	D	Permanently abandoned (coal)
	E	Active, men working, not producing (coal)
	F	Active, men not working, not producing (coal)
	G	New, under construction (coal)
	H	New, no men working (coal)
priorst	1	Full-time permanent (M/NM)
	2	Intermittent (including seasonal) (M/NM)
	3	Non-producing (M/NM)
	4	Permanently abandoned (M/NM)
	A	Active (coal)
	B	Mine closed by MSHA (coal)
	C	Temporarily closed (coal)
	D	Permanently abandoned (coal)
	E	Active, men working, not producing (coal)
	F	Active, men not working, not producing (coal)
	G	New, under construction (coal)
	H	New, no men working (coal)
coalmetl	C	Coal
	M	Metal/Nonmetal/Stone/S&G
opercont	C	Contractor
	O	Operator
district	C01	C01-Wilkes Barre, PA (Inactive starting 2013)
	C02	C02-New Stanton, PA (Combined with C01 in 2013)
	C03	C03-Morgantown, WV
	C04	C04-Mt. Hope, WV (Split into C04/C12 in 2010)
	C05	C05-Norton, VA (Added some C06 offices in 2016)
	C06	C06-Pikeville, KY (Inactive starting 2016)
	C07	C07-Barbourville, KY (Added some C06 offices in 2016)
	C08	C08-Vincennes, IN
	C09	C09-Denver, CO
	C10	C10-Madisonville, KY
	C11	C11-Birmingham, AL
	C12	C12-Pineville, WV (Split from C04 in 2010)
	CNT	CNT-Contractor (No District)
	MNC	MNC-North Central-Deuluth, MN
	MNE	MNE-Northeast-Warrendale, PA
	MRM	MRM-Rocky Mountain-Denver, CO
	MSC	MSC-South Central-Dallas, TX
	MSE	MSE-Southeast-Birmingham, AL
	MWE	MWE-Western-Vacaville, CA
	commod	1
2		Metal operator
3		Nonmetal operator

	4	Stone operator
	5	Sand & gravel operator
	6	Coal contractor
	7	Noncoal contractor