

**FY 2018**

**CONGRESSIONAL BUDGET JUSTIFICATION**

**MINE SAFETY AND HEALTH ADMINISTRATION**

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# MINE SAFETY AND HEALTH ADMINISTRATION

## APPROPRIATION LANGUAGE

### SALARIES AND EXPENSES

*For necessary expenses for the Mine Safety and Health Administration, \$375,172,000, including purchase and bestowal of certificates and trophies in connection with mine rescue and first-aid work, and the hire of passenger motor vehicles, including up to \$2,000,000 for mine rescue and recovery activities: Provided, That notwithstanding 31 U.S.C. 3302, not to exceed \$750,000 may be collected by the National Mine Health and Safety Academy for room, board, tuition, and the sale of training materials, otherwise authorized by law to be collected, to be available for mine safety and health education and training activities: Provided further, That notwithstanding 31 U.S.C. 3302, the Mine Safety and Health Administration is authorized to collect and retain up to \$2,499,000 from fees collected for the approval and certification of equipment, materials, and explosives for use in mines, and may utilize such sums for such activities: Provided further, That the Secretary is authorized to accept lands, buildings, equipment, and other contributions from public and private sources and to prosecute projects in cooperation with other agencies, Federal, State, or private: Provided further, That the Mine Safety and Health Administration is authorized to promote health and safety education and training in the mining community through cooperative programs with States, industry, and safety associations: Provided further, That the Secretary is authorized to recognize the Joseph A. Holmes Safety Association as a principal safety association and, notwithstanding any other provision of law, may provide funds and, with or without reimbursement, personnel, including service of Mine Safety and Health Administration officials as officers in local chapters or in the national organization: Provided further, That any funds available to the Department of Labor may be used, with the approval of the Secretary, to provide for the costs of mine rescue and survival operations in the event of a major disaster.*

Note.—A full-year 2017 appropriation for this account was not enacted at the time the budget was prepared; therefore, the budget assumes this account is operating under the Further Continuing Appropriations Act, 2017 (P.L. 114–254). The amounts included for 2017 reflect the annualized level provided by the continuing resolution.

## MINE SAFETY AND HEALTH ADMINISTRATION

<b>AMOUNTS AVAILABLE FOR OBLIGATION</b>						
(Dollars in Thousands)						
	<b>FY 2016 Enacted</b>		<b>FY 2017 Full Year C.R.</b>		<b>FY 2018 Request</b>	
	<b>FTE</b>	<b>Amount</b>	<b>FTE</b>	<b>Amount</b>	<b>FTE</b>	<b>Amount</b>
<b>A. Appropriation</b>	<b>2,276</b>	<b>\$375,887</b>	<b>2,152</b>	<b>\$375,172</b>	<b>2,110</b>	<b>\$375,172</b>
Offsetting Collections From:						
Reimbursements	0	\$3,249	0	\$3,249	0	\$3,249
<i>Subtotal</i>	<i>2,276</i>	<i>\$379,136</i>	<i>2,152</i>	<i>\$378,421</i>	<i>2,110</i>	<i>\$378,421</i>
<b>B. Gross Budget Authority</b>	<b>2,276</b>	<b>\$379,136</b>	<b>2,152</b>	<b>\$378,421</b>	<b>2,110</b>	<b>\$378,421</b>
IT Consolidation	-5	\$0	0	\$0	0	\$0
Offsetting Collections to:						
Reimbursements	0	-\$3,249	0	-\$3,249	0	-\$3,249
<i>Subtotal</i>	<i>2,271</i>	<i>\$375,887</i>	<i>2,152</i>	<i>\$375,172</i>	<i>2,110</i>	<i>\$375,172</i>
<b>C. Budget Authority Before Committee</b>	<b>2,271</b>	<b>\$375,887</b>	<b>2,152</b>	<b>\$375,172</b>	<b>2,110</b>	<b>\$375,172</b>
Offsetting Collections From:						
Reimbursements	0	\$1,663	0	\$3,249	0	\$3,249
<i>Subtotal</i>	<i>2,271</i>	<i>\$377,550</i>	<i>2,152</i>	<i>\$378,421</i>	<i>2,110</i>	<i>\$378,421</i>
<b>D. Total Budgetary Resources</b>	<b>2,271</b>	<b>377,550</b>	<b>2,152</b>	<b>\$378,421</b>	<b>2,110</b>	<b>\$378,421</b>
Unobligated Balance Expiring	-21	-\$526	0	\$0	0	\$0
<b>E. Total, Estimated Obligations</b>	<b>2,250</b>	<b>\$377,024</b>	<b>2,152</b>	<b>\$378,421</b>	<b>2,110</b>	<b>\$378,421</b>

# MINE SAFETY AND HEALTH ADMINISTRATION

## SUMMARY OF CHANGES

(Dollars in Thousands)

	FY 2017 Full Year C.R.	FY 2018 Request	Net Change
<b>Budget Authority</b>			
General Funds	\$375,172	\$375,172	\$0
<b>Total</b>	<b>\$375,172</b>	<b>\$375,172</b>	<b>\$0</b>
<b>Full Time Equivalents</b>			
General Funds	2,152	2,110	-42
<b>Total</b>	<b>2,152</b>	<b>2,110</b>	<b>-42</b>

### FY 2018 Change

Explanation of Change	FY 2017 Base		Trust Funds		General Funds		Total	
	FTE	Amount	FTE	Amount	FTE	Amount	FTE	Amount
<b>Increases:</b>								
<b>A. Built-Ins:</b>								
To Provide For:								
Costs of pay adjustments	2,152	\$183,378	0	\$0	0	\$3,337	0	\$3,337
Personnel benefits	0	\$65,184	0	\$0	0	\$1,248	0	\$1,248
Two days less of Pay	0	\$0	0	\$0	0	\$0	0	\$0
Federal Employees' Compensation Act (FECA)	0	\$7,399	0	\$0	0	\$247	0	\$247
Benefits for former personnel	0	\$0	0	\$0	0	\$0	0	\$0
Travel and transportation of persons	0	\$10,956	0	\$0	0	\$0	0	\$0
Transportation of things	0	\$6,532	0	\$0	0	\$0	0	\$0
Rental payments to GSA	0	\$16,477	0	\$0	0	\$0	0	\$0
Rental payments to others	0	\$35	0	\$0	0	\$0	0	\$0
Communications, utilities, and miscellaneous charges	0	\$3,381	0	\$0	0	\$0	0	\$0
Printing and reproduction	0	\$203	0	\$0	0	\$0	0	\$0
Advisory and assistance services	0	\$80	0	\$0	0	\$0	0	\$0
Other services from non-Federal sources	0	\$5,529	0	\$0	0	\$0	0	\$0
Working Capital Fund	0	\$46,269	0	\$0	0	\$0	0	\$0
Other Federal sources (DHS Charges)	0	\$678	0	\$0	0	\$0	0	\$0
Other goods and services from Federal sources	0	\$4,019	0	\$0	0	\$0	0	\$0
Research & Development Contracts	0	\$0	0	\$0	0	\$0	0	\$0
Operation and maintenance of facilities	0	\$674	0	\$0	0	\$0	0	\$0
Operation and maintenance of equipment	0	\$9,092	0	\$0	0	\$0	0	\$0
Supplies and materials	0	\$3,201	0	\$0	0	\$0	0	\$0
Equipment	0	\$2,615	0	\$0	0	\$0	0	\$0
Grants, subsidies, and contributions	0	\$9,441	0	\$0	0	\$0	0	\$0
Insurance claims and indemnities	0	\$29	0	\$0	0	\$0	0	\$0

# MINE SAFETY AND HEALTH ADMINISTRATION

FY 2018 Change

Explanation of Change	FY 2017 Base		Trust Funds		General Funds		Total	
	FTE	Amount	FTE	Amount	FTE	Amount	FTE	Amount
Land and Structures	0	\$0	0	\$0	0	\$0	0	\$0
<b>Built-Ins Subtotal</b>	<b>2,152</b>	<b>+\$375,172</b>	<b>0</b>	<b>\$0</b>	<b>0</b>	<b>+\$4,832</b>	<b>0</b>	<b>+\$4,832</b>
<b>B. Programs:</b>								
<b>Total Increase</b>	<b>2,152</b>	<b>+\$375,172</b>	<b>0</b>	<b>\$0</b>	<b>0</b>	<b>+\$4,832</b>	<b>0</b>	<b>+\$4,832</b>
<b>Decreases:</b>								
<b>A. Built-Ins:</b>								
To Provide For:								
<b>Built-Ins Subtotal</b>	<b>0</b>	<b>\$0</b>	<b>0</b>	<b>\$0</b>	<b>0</b>	<b>\$0</b>	<b>0</b>	<b>\$0</b>
<b>B. Programs:</b>								
FTE Reduction to Absorb Inflationary Costs	0	\$0	0	\$0	-42	-\$4,832	-42	-\$4,832
<b>Programs Subtotal</b>			<b>0</b>	<b>\$0</b>	<b>-42</b>	<b>-\$4,832</b>	<b>-42</b>	<b>-\$4,832</b>
<b>Total Decrease</b>	<b>0</b>	<b>\$0</b>	<b>0</b>	<b>\$0</b>	<b>-42</b>	<b>-\$4,832</b>	<b>-42</b>	<b>-\$4,832</b>
<b>Total Change</b>	<b>2,152</b>	<b>+\$375,172</b>	<b>0</b>	<b>\$0</b>	<b>-42</b>	<b>\$0</b>	<b>-42</b>	<b>\$0</b>



## MINE SAFETY AND HEALTH ADMINISTRATION

### SUMMARY BUDGET AUTHORITY AND FTE BY ACTIVITY

(Dollars in Thousands)

	FY 2016 Enacted		FY 2017 Full Year C.R.		FY 2018 Request		Diff. FY18 Request / FY17 Full Year C.R.	
	FTE	Amount	FTE	Amount	FTE	Amount	FTE	Amount
<b>Coal Mine Safety and Health</b>	<b>1,076</b>	<b>163,086</b>	<b>995</b>	<b>158,902</b>	<b>964</b>	<b>157,026</b>	<b>-31</b>	<b>-1,876</b>
General Funds	1,076	163,086	995	158,902	964	157,026	-31	-1,876
<b>Metal and Nonmetal Mine Safety and Health</b>	<b>600</b>	<b>95,187</b>	<b>589</b>	<b>96,056</b>	<b>589</b>	<b>97,875</b>	<b>0</b>	<b>1,819</b>
General Funds	600	95,187	589	96,056	589	97,875	0	1,819
<b>Office of Standards, Regulations, and Variances</b>	<b>19</b>	<b>5,416</b>	<b>18</b>	<b>5,405</b>	<b>18</b>	<b>5,460</b>	<b>0</b>	<b>55</b>
General Funds	19	5,416	18	5,405	18	5,460	0	55
<b>Office of Assessments</b>	<b>53</b>	<b>7,215</b>	<b>56</b>	<b>7,452</b>	<b>55</b>	<b>7,457</b>	<b>-1</b>	<b>5</b>
General Funds	53	7,215	56	7,452	55	7,457	-1	5
<b>Educational Policy and Development</b>	<b>138</b>	<b>36,852</b>	<b>138</b>	<b>37,387</b>	<b>135</b>	<b>37,365</b>	<b>-3</b>	<b>-22</b>
General Funds	138	36,852	138	37,387	135	37,365	-3	-22
<b>Technical Support</b>	<b>217</b>	<b>34,303</b>	<b>208</b>	<b>34,344</b>	<b>204</b>	<b>34,330</b>	<b>-4</b>	<b>-14</b>
General Funds	217	34,303	208	34,344	204	34,330	-4	-14
<b>Program Evaluation and Information Resources</b>	<b>53</b>	<b>17,990</b>	<b>53</b>	<b>19,153</b>	<b>52</b>	<b>19,169</b>	<b>-1</b>	<b>16</b>
General Funds	53	17,990	53	19,153	52	19,169	-1	16
<b>Program Administration</b>	<b>94</b>	<b>15,838</b>	<b>95</b>	<b>16,473</b>	<b>93</b>	<b>16,490</b>	<b>-2</b>	<b>17</b>
General Funds	94	15,838	95	16,473	93	16,490	-2	17

## MINE SAFETY AND HEALTH ADMINISTRATION

### SUMMARY BUDGET AUTHORITY AND FTE BY ACTIVITY

(Dollars in Thousands)

	FY 2016 Enacted		FY 2017 Full Year C.R.		FY 2018 Request		Diff. FY18 Request / FY17 Full Year C.R.	
	FTE	Amount	FTE	Amount	FTE	Amount	FTE	Amount
<b>Total</b>	<b>2,250</b>	<b>375,887</b>	<b>2,152</b>	<b>375,172</b>	<b>2,110</b>	<b>375,172</b>	<b>-42</b>	<b>0</b>
<b>General Funds</b>	<b>2,250</b>	<b>375,887</b>	<b>2,152</b>	<b>375,172</b>	<b>2,110</b>	<b>375,172</b>	<b>-42</b>	<b>0</b>

NOTE: 2016 reflects actual FTE. The FY 2016 funding amounts reflect transfers that DOL made and notified Congress of during the year, and the FY 2017 CR amounts are based on these amounts.

## MINE SAFETY AND HEALTH ADMINISTRATION

<b>BUDGET AUTHORITY BY OBJECT CLASS</b>					
(Dollars in Thousands)					
		FY 2016 Enacted	FY 2017 Full Year C.R.	FY 2018 Request	Diff. FY18 Request / FY17 Full Year C.R.
	Full-Time Equivalent				
	Full-time Permanent	2,258	2,140	2,098	-42
	Other	13	12	12	0
	<b>Total</b>	<b>2,271</b>	<b>2,152</b>	<b>2,110</b>	<b>-42</b>
	Average ES Salary	\$174,821	\$180,059	\$183,480	\$3,421
	Average GM/GS Grade	11/5	11/5	11/5	0
	Average GM/GS Salary	\$79,537	\$83,503	\$85,090	\$1,587
	Average Salary of Ungraded Positions	\$46,680	\$53,248	\$54,260	\$1,012
11.1	Full-time permanent	181,446	179,402	179,332	-70
11.3	Other than full-time permanent	293	165	163	-2
11.5	Other personnel compensation	3,273	3,811	3,811	0
11.8	Special personal services payments	0	0	0	0
11.9	<b>Total personnel compensation</b>	<b>185,012</b>	<b>183,378</b>	<b>183,306</b>	<b>-72</b>
12.1	Civilian personnel benefits	72,689	72,583	72,655	72
13.0	Benefits for former personnel	47	0	0	0
21.0	Travel and transportation of persons	13,372	10,956	10,956	0
22.0	Transportation of things	6,722	6,532	6,532	0
23.0	Rent, Communications, and Utilities	0	0	0	0
23.1	Rental payments to GSA	15,100	16,477	16,477	0
23.2	Rental payments to others	92	35	35	0
23.3	Communications, utilities, and miscellaneous charges	3,187	3,381	3,381	0
24.0	Printing and reproduction	205	203	203	0
25.1	Advisory and assistance services	278	80	80	0
25.2	Other services from non-Federal sources	6,883	5,529	5,529	0
25.3	Other goods and services from Federal sources 1/	46,264	50,966	50,966	0
25.4	Operation and maintenance of facilities	476	674	674	0
25.5	Research and development contracts	0	0	0	0
25.7	Operation and maintenance of equipment	9,251	9,092	9,092	0
26.0	Supplies and materials	3,533	3,201	3,201	0
31.0	Equipment	2,993	2,615	2,615	0
32.0	Land and Structures	0	0	0	0
41.0	Grants, subsidies, and contributions	9,441	9,441	9,441	0
42.0	Insurance claims and indemnities	342	29	29	0
	<b>Total</b>	<b>375,887</b>	<b>375,172</b>	<b>375,172</b>	<b>0</b>
	1/Other goods and services from Federal sources				
	Working Capital Fund	41,732	46,269	46,269	0
	DHS Services	723	678	678	0
	HHS Services	3,094	2,049	2,049	0
	Services by Other Government Departments	715	1,970	1,970	0

# MINE SAFETY AND HEALTH ADMINISTRATION

## AUTHORIZING STATUTES

<b>Public Law / Act</b>	<b>Legislation</b>	<b>Statute No. / US Code</b>	<b>Volume No.</b>	<b>Page No.</b>	<b>Expiration Date</b>
91-173	Federal Mine Safety and Health Act of 1977, As Amended By Public Law 95-164	30 U.S.C., 801 et. seq.	30	823	None
109-236	Mine Improvement and New Emergency Response Act of 2006 (MINER Act)	30 U.S.C., 801 et. seq.	30	823	None

## MINE SAFETY AND HEALTH ADMINISTRATION

<b>APPROPRIATION HISTORY</b>					
(Dollars in Thousands)					
	<b>Budget Estimates to Congress</b>	<b>House Allowance</b>	<b>Senate Allowance</b>	<b>Appropriations</b>	<b>FTE</b>
2008					
Base Appropriation...1/	\$313,478	\$313,478	\$340,028	\$333,925	2,306
2009					
Base Appropriation...2/	\$332,061		\$346,895	\$347,003	2,361
2010					
Base Appropriation...3/	\$353,693	\$353,193	\$357,443	\$357,293	2,425
2011					
Base Appropriation...4/	\$360,780		\$377,000	\$363,115	2,328
2012					
Base Appropriation...5/	\$384,277	\$379,854	\$384,277	\$373,293	2,365
2013					
Base Appropriation...6/	\$371,896			\$353,768	2,388
2014					
Base Appropriation	\$380,721			\$375,887	2,366
2015					
Base Appropriation	\$377,234			\$375,887	2,316
2016					
Base Appropriation	\$394,932	\$371,000	\$356,878	\$375,887	2,271
2017					
Base Appropriation...7/	\$397,372				0
2018					
Base Appropriation	\$375,172				2,110

1/ Reflects a \$5,937 reduction pursuant to P.L. 110-161, and a \$2,078 transfer to the Office of the Solicitor.

2/ This bill was only reported out of Subcommittee and was not passed by the Full House.

3/ Does not include \$7,259 provided to MSHA for the Upper Big Branch mine investigation and the caseload backlog at the Federal Mine Safety and Health Review Commission in the Supplemental Appropriations Act, P.L. 111-212. This amount was transferred from the Departmental Management account via a nonexpenditure transfer.

4/ This bill was only reported out of Subcommittee and was not passed by the Full House. Reflects a \$2,000 transfer to the Office of the Solicitor.

5/ Reflects a \$707 reduction pursuant to P.L. 112-74, and a \$770 transfer to the Office of the Solicitor.

6/ Reflects a 0.2% across the board rescission pursuant to P.L. 113-6 and the sequestration reduction pursuant to the Balanced Budget and Emergency Deficit Control Act of 1985.

7/ "A full-year 2017 appropriation for this account was not enacted at the time the budget was prepared."

# MINE SAFETY AND HEALTH ADMINISTRATION

## OVERVIEW

### **Introduction**

The Mine Safety and Health Administration (MSHA) promotes safe and healthful workplaces for the nation's miners by pursuing strategies that prevent death, disease, and injuries from mining. MSHA enforces provisions of the Federal Mine Safety and Health Act of 1977 (Mine Act), as amended by the Mine Improvement and New Emergency Response Act of 2006 (MINER Act).

MSHA's data indicate that work-related accidents at coal and metal and nonmetal mines continue to decline. Since FY 2010, the fatality injury rate declined by 57 percent, with FY 2016 recording the lowest all injury and all fatal rate in mining history.

MSHA's objective of reducing worker fatality rates in mining is based on a rolling five-year average. In FY 2016, the five-year rolling fatality rate was .0123, a decline of 2.4 percent from a rate of .0126 in FY 2015. For FY 2017, MSHA revised the objective from 5 percent to 2 percent to reflect improved trends in work-related accidents as well as other industry trends such as the decline in mining hours worked. In FY 2016, mining hours worked declined by 11 percent.

### **Resources, Priorities, and Performance**

MSHA is working to identify additional ways that the Agency can continue to improve efficiency, effectiveness, and accountability. MSHA's efforts seek to align the Agency's organizational structure with its core mission and operating plan, and focus on areas where merging or relocating activities may lead to increased operational efficiency and budgetary savings. Additionally, MSHA is working to strengthen working relationships with stakeholders to better understand the mining communities' particular needs and to develop specific guidance and outreach to assist them in protecting the health and safety of the nation's miners. For example:

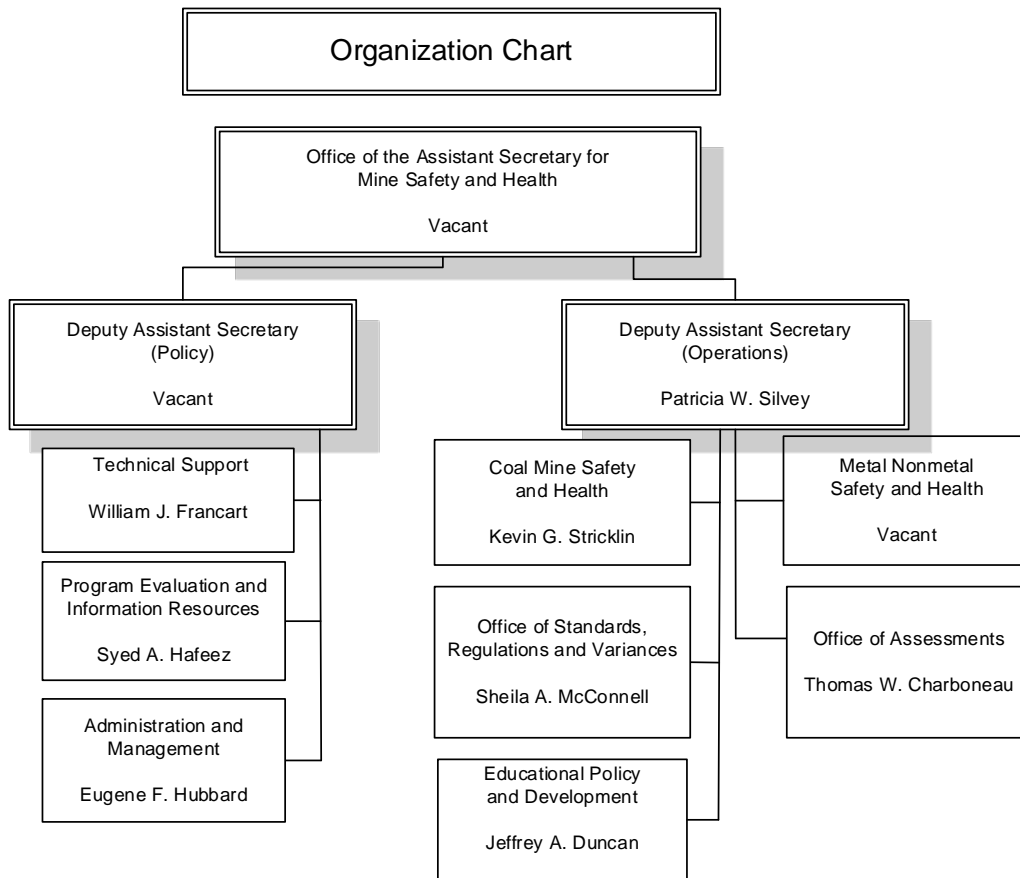
- MSHA recognizes that coal production has declined and has taken appropriate actions to respond to the decline. MSHA closed two districts in 2014 and 2016 and is in the process of realigning a third in Birmingham, Alabama. Further, MSHA has shifted Coal Mine Safety and Health staff to support Metal and Nonmetal Mine Safety and Health (MNMSH), Technical Support, and Educational Policy and Development.
- MSHA anticipates an increase in metal and nonmetal mining due to infrastructure revitalization. Therefore, MSHA projects that the need for MNMSH compliance assistance and mandatory inspections may increase. The Agency will continue to monitor these factors and forecasts and continue to adjust resources accordingly.

MSHA continues to work within its industry partnerships and alliances to cooperatively target efforts toward areas of most concern to stakeholders. The MSHA/National Institute for Occupational Safety and Health (NIOSH) diesel exhaust health effects partnership provides a forum for the exchange of scientific findings on the health effects of diesel exhaust in underground coal and metal and nonmetal mines. MSHA's cooperative dust partnership with coal mine operators and miners provides technical assistance on administering the sampling

## **MINE SAFETY AND HEALTH ADMINISTRATION**

requirements and complying with MSHA's respirable dust rule. Further, MSHA has joined with representatives from industry, labor, manufacturers, and NIOSH to address issues related to refuge alternatives and proximity detection. MSHA's MNMSH has a number of industry alliances through which it works to foster best practices and information sharing focused on health and safety.

# MINE SAFETY AND HEALTH ADMINISTRATION





## COAL MINE SAFETY AND HEALTH

<b>BUDGET AUTHORITY BEFORE THE COMMITTEE</b>				
(Dollars in Thousands)				
	<b>FY 2016 Enacted</b>	<b>FY 2017 Full Year C.R.</b>	<b>FY 2018 Request</b>	<b>Diff. FY18 Request / FY17 Full Year C.R.</b>
<b>Activity Appropriation</b>	<b>163,086</b>	<b>158,902</b>	<b>157,026</b>	<b>-1,876</b>
FTE	1,076	995	964	-31

NOTE: FY 2016 reflects actual FTE. Authorized FTE for FY 2016 was 1,099.

### **Introduction**

Coal Mine Safety and Health (CMSH) administers the provisions of the Mine Act, as amended by the MINER Act, promotes compliance with regulations to eliminate fatalities, reduces the frequency and severity of accidents, and minimizes health hazards in the nation's approximately 1,300 coal mines. CMSH inspects all active underground mines four times per year and all surface mines twice per year.

Most of the CMSH employees are located across 10 (soon to be 9) district offices and 38 field offices throughout the United States. The majority of field employees are mine safety and health enforcement personnel who perform inspection activities and investigations of fatal accidents, non-fatal and/or non-injury accidents, verbal and written hazard complaints, and discrimination complaints.

CMSH will continue efforts to improve workplace safety and health in the mining industry. CMSH will remain committed to targeted enforcement and compliance assistance in its efforts to improve safety and health conditions in the mining workplace by continuing the following strategies:

- **Enforcing mandatory health and safety standards through complete inspections of each coal mine.** CMSH will complete mandated inspections four times per year in underground coal mines and twice per year in surface mines.
- **Inspection and enforcement effectiveness** - CMSH will continue to enhance its enforcement efforts of violations that contribute to fatalities and serious accidents through:
  - **Targeted impact inspections** - CMSH will continue to conduct targeted impact inspections. These inspections target mines that merit increased agency attention and enforcement due to their poor compliance history. CMSH will not conduct impact inspections in order to meet a specific number - instead, the number of inspections will be driven by the number of mines that meet the criteria for such inspections.
  - **Promote adoption of prevention-focused, health and safety programs by mine operators** - CMSH will continue its health sampling activities to ensure that

# COAL MINE SAFETY AND HEALTH

all miners' overexposure to noise and dust are addressed by mine operators. Technical investigations, which evaluate the root causes of hazards and accidents in mines, will be conducted. CMSH will also conduct accident prevention inspections in response to specific mine hazards. CMSH will continue to enforce the new standards in the Dust Rule and continue to enforce the Proximity Detection for Continuous Mining Machines in Underground Coal Mines Rule.

- **Protect miners from discrimination** - CMSH will conduct timely investigations of discrimination complaints and enhance miners' knowledge regarding their rights and responsibilities under the Mine Act.

## Five-Year Budget Activity History

<u>Fiscal Year</u>	<u>Funding</u> (Dollars in Thousands)	<u>FTE</u>
2013	\$155,327	1,196
2014	\$167,859	1,171
2015	\$167,859	1,151
2016	\$167,859	1,099
2017	\$0	0

NOTE: A full-year 2017 appropriation for this account was not enacted at the time the budget was prepared.

## FY 2018

In FY 2018, MSHA requests \$157,026,000 and 964 FTE for CMSH. This request includes a reduction of 31 FTE to absorb FY 2018 inflationary costs. CMSH will continue to work to improve safety and health in the mining industry through the following activities:

- Conduct all regular mandated inspections;
- Conduct impact inspections;
- Conduct special emphasis inspections;
- Conduct outreach activities such as Compliance Assistance Program and accident prevention;
- Accident investigations and hazardous condition complaints;
- Educate miners to enable them to exercise their rights and protections; and
- Promptly investigate discrimination complaints and requests for temporary reinstatement made by miners or their representatives.

CMSH will continue to monitor overtime and manage vacancies. As the number of mines in a specific area changes over time, the enforcement needs will vary. CMSH will monitor where these changes are occurring and allocate resources based on these trends. As enforcement personnel numbers decrease, CMSH will reallocate equipment and vehicles throughout MSHA. CMSH will continue to analyze space usage around the country to determine if merging or restructuring districts will increase operational efficiency without negatively affecting its mission.

## **COAL MINE SAFETY AND HEALTH**

CMSH estimates that it will conduct approximately 3,200 mandated inspections, but this number may vary depending on the number of operating mines. CMSH will conduct other enhanced enforcement activities, such as targeted impact inspections. These inspections target not only mines with poor compliance history, but also those that have adverse conditions such as increased methane liberation. CMSH will focus inspection activity on improved impoundment safety by conducting inspections of all impoundments classified as high-hazard potential.

### **FY 2017**

Figures shown for FY 2017 reflect the annualized Continuing Resolution level, as a full-year appropriation had not been enacted at the time the budget was produced. The Department will provide an Operating Plan after a full-year appropriation bill is enacted.

## COAL MINE SAFETY AND HEALTH

<b>DETAILED WORKLOAD AND PERFORMANCE</b>					
		<b>FY 2016 Enacted</b>		<b>FY 2017 Full Year C.R.</b>	<b>FY 2018 Request</b>
		<b>Target</b>	<b>Result</b>	<b>Target</b>	<b>Target</b>
<b>Coal Mine Safety and Health</b>					
<b>MSHA-PG-01</b>	<b>Five-year rolling average of fatal injuries per 200,000 hours worked</b>	<b>0.0120[r]</b>	<b>0.0123</b>	<b>0.0121</b>	<b>TBD</b>
MSHA-CM-01	Percent of regular mandated coal inspections	100%	100%	100%	100%
MSHA-CM-01.1	Number of regular mandated coal underground inspections	1,700	1,342	1,500	1,200
MSHA-CM-01.2	Number of regular mandated coal surface inspections	2,430	1,753	2,200	2,000
MSHA-CM-02	Number of impact inspections of coal mines	120[p]	134	110[p]	108[p]
MSHA-CM-04	Percent of coal mines surveyed for respirable dust in conjunction with regular mandated inspections	100.0%	100.0%	100.0%	100.0%
MSHA-CM-05	Percent of coal mines surveyed for noise according to published inspection procedures	100%	100%	100%	100%
MSHA-CM-06.1	Percent of new roof control plan reviews completed within 44 days	75%	80%	80%	80%
MSHA-CM-06.2	Percent of roof control plan addenda reviews completed within 22 days	75%	83%	80%	80%
MSHA-CM-07.1	Percent of new ventilation plan reviews completed within 59 days	70%	88%	80%	80%
MSHA-CM-07.2	Percent of ventilation plan addenda reviews completed within 22 days	70%	73%	75%	80%

## COAL MINE SAFETY AND HEALTH

<b>DETAILED WORKLOAD AND PERFORMANCE</b>					
		<b>FY 2016 Enacted</b>		<b>FY 2017 Full Year C.R.</b>	<b>FY 2018 Request</b>
		<b>Target</b>	<b>Result</b>	<b>Target</b>	<b>Target</b>
MSHA-CM-08	Number of special emphasis respirable coal mine dust inspections	33	43	33	27
MSHA-CM-11	Percent of audited activities not requiring corrective actions	90%	94%	90%	90%
MSHA-01	Percent of 105(c) investigations of miner discrimination complaints that are completed within 60 days of receipt	85%	95%	85%	85%
MSHA-02	Percent of investigations of miner requests for temporary reinstatements that are completed within 20 days of receipt	75%	81%	75%	75%
MSHA-03	Number of 103(g) imminent danger complaint investigations initiated within 1 day of receipt	100%	100%	100%	100%

Legend: (r) Revised (e) Estimate (base) Baseline -- Not Applicable TBD - To Be Determined [p] - Projection

## COAL MINE SAFETY AND HEALTH

CMSH will continue its enforcement strategies and initiatives through the following:

- *MSHA-CM-01, MSHA-CM-01.1, and MSHA-CM.01.2:* In FY 2017 and FY 2018, CMSH projects it will complete 100 percent of its regular mandated inspections. These inspections provide a direct overview of mining conditions and play a key role in assuring the safety and health of the nation's miners. The actual number of inspections completed will be dependent on the number of active coal mines for each year. The projected target for completion of underground and surface mandated inspections in FY 2017 is 3,700 and in FY 2018 is expected to be approximately 3,200. CMSH will inspect all existing high-hazard potential impoundments in order to reduce the risk to miners, the general public, and the environment should these impoundments fail.
- *MSHA-CM-02:* In FY 2017 and FY 2018, CMSH will continue its targeted impact inspection program. CMSH expects that year-by-year mines will improve and CMSH will conduct fewer impact inspections. In addition to targeting mines with poor compliance history, special emphasis inspections target specific issues, such as noise, dust, rock dust, roof falls, and diesel engines. These targets are data-driven and are dependent on the mining industry and performance. In FY 2017, CMSH estimates it will complete 110 targeted impact inspections; many of which will be conducted during off-shift hours to ensure compliance during all shifts. In FY 2018, CMSH plans to complete 108 targeted impact inspections.
- *MSHA-CM-04:* The respirable dust sampling measure includes sampling both underground mines (quarterly) and surface mines (semi-annually). MSHA surveys coal mines for respirable dust in conjunction with regular mandated inspections. In FY 2017 and FY 2018, CMSH will ensure all sampling is conducted in accordance with required procedures.
- *MSHA-CM-05:* In order to reduce miners' overexposures to noise, CMSH will continue to work with the mining industry, labor unions, and the states to improve training programs on hearing loss prevention strategies. MSHA will review mining operations' previous year compliance histories, and other data to identify outstanding compliance issues associated with mining occupations, types of mining equipment, and/or mining environments. In FY 2017 and FY 2018, CMSH plans to complete 100 percent of required noise surveys.
- *MSHA-CM-06.1, MSHA-CM-06.2, MSHA-CM-07.1, and MSHA-CM-07.2:* In FY 2017 and FY 2018, CMSH will continue to take measures to promote the application of proper ventilation and roof control standards in mines. CMSH's approach to reducing the risk of injury and disease among miners includes ensuring that mine plans, particularly roof control and ventilation plans, effectively address and control the hazards inherent to the underground mining environment. With prompt turnaround times to approve plans and addenda (e.g., roof, ventilation, and emergency response plans), MSHA can quickly take measures to ensure proper ventilation and roof control standards are being implemented in the mine.

## COAL MINE SAFETY AND HEALTH

- *MSHA-CM-08*: CMSH will continue its current special emphasis on respirable coal mine dust inspection program to reduce miners' overexposure to respirable coal dust in FY 2017 and FY 2018. These efforts support MSHA's End Black Lung strategy, which includes enforcement, outreach, education and training. In conjunction with regular inspections, CMSH will review operators' dust monitoring programs and assure that operators are properly calibrating and maintaining dust sampling units. CMSH will continue to work with mining equipment manufacturers to identify the most effective engineering control measures and promote their use. CMSH plans to conduct special emphasis respirable dust inspections in FY 2017 and FY 2018.
- *MSHA-CM-11*: CMSH will ensure all inspection activities are conducted according to established policies, procedures, and handbooks. CMSH will address all discrepancies identified during accountability audits and district reviews. CMSH plans to continue complete reviews of its auditing functions. In FY 2017 and FY 2018, CMSH plans to reach its target of 90 percent of audited activities not requiring corrective actions.

CMSH will strive to ensure that all miner requests for temporary reinstatements, investigations of 105(c) miner discrimination complaints, and 103(g) imminent danger complaints are investigated within the established timeframes. MSHA must protect workers' rights by ensuring that they have the freedom to identify hazardous conditions and request inspections without operator retaliation or discrimination. Empowering miners to report hazards is critical to reducing safety and health risks. Prompt investigation of discrimination complaints and reported hazardous conditions is of utmost importance in assuring miners that MSHA will protect their rights through the following efforts:

- *MSHA-01*: In FY 2017 and FY 2018, CMSH expects to meet its goal of 85 percent of 105(c) investigations of miner discrimination complaints within 60 days of receipt.
- *MSHA-02*: In FY 2017 and FY 2018, CMSH plans to meet its goal of 75 percent of investigations of miner requests for temporary reinstatement within 20 days.
- *MSHA-03*: In FY 2017 and FY 2018, MSHA plans to meet its goal of 100 percent of the number of 103(g) imminent danger complaint investigations initiated within one day of receipt.

## COAL MINE SAFETY AND HEALTH

<b>BUDGET ACTIVITY BY OBJECT CLASS</b>					
(Dollars in Thousands)					
		<b>FY 2016 Enacted</b>	<b>FY 2017 Full Year C.R.</b>	<b>FY 2018 Request</b>	<b>Diff. FY18 Request / FY17 Full Year C.R.</b>
11.1	Full-time permanent	82,317	78,613	77,206	-1,407
11.3	Other than full-time permanent	47	30	29	-1
11.5	Other personnel compensation	1,402	1,735	1,735	0
11.8	Special personal services payments	0	0	0	0
11.9	<b>Total personnel compensation</b>	<b>83,766</b>	<b>80,378</b>	<b>78,970</b>	<b>-1,408</b>
12.1	Civilian personnel benefits	36,518	34,953	34,485	-468
13.0	Benefits for former personnel	31	0	0	0
21.0	Travel and transportation of persons	2,989	1,902	1,902	0
22.0	Transportation of things	3,365	3,164	3,164	0
23.1	Rental payments to GSA	8,346	8,600	8,600	0
23.2	Rental payments to others	46	12	12	0
23.3	Communications, utilities, and miscellaneous charges	639	719	719	0
24.0	Printing and reproduction	19	33	33	0
25.1	Advisory and assistance services	70	19	19	0
25.2	Other services from non-Federal sources	658	374	374	0
25.3	Other goods and services from Federal sources 1/	22,195	25,826	25,826	0
25.4	Operation and maintenance of facilities	15	22	22	0
25.5	Research and development contracts	0	0	0	0
25.7	Operation and maintenance of equipment	1,535	867	867	0
26.0	Supplies and materials	1,256	1,023	1,023	0
31.0	Equipment	1,362	989	989	0
41.0	Grants, subsidies, and contributions	0	0	0	0
42.0	Insurance claims and indemnities	276	21	21	0
	<b>Total</b>	<b>163,086</b>	<b>158,902</b>	<b>157,026</b>	<b>-1,876</b>
	1/Other goods and services from Federal sources				
	Working Capital Fund	21,242	23,968	23,968	0
	DHS Services	385	353	353	0
	HHS Services	345	413	413	0
	Services by Other Government Departments	223	1,092	1,092	0



# COAL MINE SAFETY AND HEALTH

## CHANGES IN FY 2018

(Dollars in Thousands)

### Activity Changes

#### Built-In

To Provide For:

Costs of pay adjustments	\$1,062
Personnel benefits	449
Two days less of Pay	0
Federal Employees' Compensation Act (FECA)	180
Benefits for former personnel	0
Travel and transportation of persons	0
Transportation of things	0
Rental payments to GSA	0
Rental payments to others	0
Communications, utilities, and miscellaneous charges	0
Printing and reproduction	0
Advisory and assistance services	0
Other services from non-Federal sources	0
Working Capital Fund	0
Other Federal sources (DHS Charges)	0
Other goods and services from Federal sources	0
Research & Development Contracts	0
Operation and maintenance of facilities	0
Operation and maintenance of equipment	0
Supplies and materials	0
Equipment	0
Grants, subsidies, and contributions	0
Insurance claims and indemnities	0

**Built-Ins Subtotal** **\$1,691**

**Net Program** **-\$3,567**

**Direct FTE** **-31**

	Estimate	FTE
<b>Base</b>	<b>\$160,593</b>	<b>995</b>
<b>Program Increase</b>	<b>\$0</b>	<b>0</b>
<b>Program Decrease</b>	<b>-\$3,567</b>	<b>-31</b>



## METAL AND NONMETAL MINE SAFETY AND HEALTH

<b>BUDGET AUTHORITY BEFORE THE COMMITTEE</b>				
(Dollars in Thousands)				
	<b>FY 2016 Enacted</b>	<b>FY 2017 Full Year C.R.</b>	<b>FY 2018 Request</b>	<b>Diff. FY18 Request / FY17 Full Year C.R.</b>
<b>Activity Appropriation</b>	<b>95,187</b>	<b>96,056</b>	<b>97,875</b>	<b>1,819</b>
FTE	600	589	589	0

NOTE: FY 2016 reflects actual FTE. Authorized FTE for FY 2016 was 598.

### **Introduction**

Metal and Nonmetal Mine Safety and Health (MNMSH) administers the Mine Act as amended by the MINER Act, and promotes compliance with regulations to eliminate fatalities, reduce the frequency and severity of accidents, and minimize health hazards in the nation’s nearly 12,200 metal and nonmetal mines.

Most of the MNMSH employees are located across six district offices and 52 field/satellite offices throughout the United States and Puerto Rico. The majority of field employees are mine safety and health professionals who perform inspection activities and investigations, including investigations of fatal accidents, non-fatal and/or non-injury accidents, verbal and written hazard complaints, and discrimination complaints.

MNMSH remains committed to targeted enforcement and compliance assistance and will continue to improve safety and health conditions in the mining workplace through the following strategies:

- **Increase inspection and enforcement effectiveness** - MNMSH will continue to conduct mandated inspections twice per year in metal and nonmetal surface mines and four times per year in underground mines. The program will enhance enforcement efforts for violations of the standards associated with fatalities and serious accidents. It will continue its focus on improving dam safety by continuing inspection activity at dams classified as high-hazard potential.
- **Targeted impact inspections** - MNMSH will continue to conduct impact inspections. The actual number of inspections will depend on how many mines need additional inspections. MNMSH will not conduct impact inspections in order to meet a specific number.
- **Strengthening MNMSH Health Program** - MNMSH will continue to conduct health inspections at a minimum of 20 percent of mines. The program will place emphasis on mine operators’ responsibility for conducting required health surveys to determine adequate control measures and explore additional innovative initiatives to effectively address the health program.

## METAL AND NONMETAL MINE SAFETY AND HEALTH

- **Increase efforts to protect miners from discrimination** - MNMSH will process miners' discrimination complaints in a timely manner. During outreach efforts, MNMSH will distribute educational materials to ensure that miners are aware of their rights and responsibilities under the Mine Act, without fear of retaliation.

More than 250,000 people work directly in the metal and nonmetal mining sector, including initial mining of raw materials through processing in preparation for commercial distribution. This industry provides essential materials for the nation's transportation infrastructure, construction and housing, communications, medicine, manufacturing, consumer goods, and agricultural industries. The majority of metal and nonmetal mines are small operations, and many have no formal safety programs. However, smaller mines do not mean fewer risks; mine hazards are inherent in the work of moving and processing large volumes of materials.

### Five-Year Budget Activity History

<u>Fiscal Year</u>	<u>Funding</u> (Dollars in Thousands)	<u>FTE</u>
2013	\$84,025	592
2014	\$91,697	580
2015	\$91,697	586
2016	\$91,697	598
2017	\$0	0

NOTE: A full-year 2017 appropriation for this account was not enacted at the time the budget was prepared.

### FY 2018

MSHA requests \$97,875,000 and 589 FTE for the MNMSH activity. MNMSH will continue an integrated approach toward the prevention of serious accidents, injuries, and occupational illnesses in the metal and nonmetal mining industry. In FY 2018, MNMSH will continue to ensure safe and healthy workplaces for the nation's miners through the following:

- Conduct all regular mandated inspections;
- Conduct compliance assistance visits;
- Conduct impact inspections;
- Conduct comprehensive health inspections;
- Update health and safety equipment;
- Perform accident prevention and outreach activities;
- Educate miners to enable them to exercise their rights and protections; and
- Promptly investigate discrimination complaints and requests for temporary reinstatement made by miners or their representatives.

MNMSH estimates it will conduct approximately 27,500 inspections in FY 2018. These include 17,200 regular mandated inspections, as well as other enforcement activities, including investigations of hazard complaints, accidents, spot inspections, and follow-up visits. MNMSH will also focus on improving dam safety by increasing inspection activity at the dams classified as high-hazard potential.

## **METAL AND NONMETAL MINE SAFETY AND HEALTH**

MNMSH will continue conducting compliance assistance activities to prevent fatalities, injuries, and occupationally-related illnesses. These activities include assisting mine operators in solving difficult health and safety problems, distributing training materials to mine operators, conducting seminars, and speaking on mine health and safety in critical areas. MNMSH offers these services with particular focus on small mine operators and contractors, and miners who have not received adequate training, and for new operations, which often employ less experienced miners and need additional assistance to establish safe and healthy workplaces.

MNMSH will continue its Impact Inspection program. MNMSH will select mines for impact inspections based on several criteria, including compliance and accident and injury history. This program is data-driven and subject to change depending on mining industry data and performance.

MNMSH will strive to ensure that all miner requests for temporary reinstatements, investigations of 105(c) miner discrimination complaints, and 103(g) imminent danger complaints are investigated within the established timeframes. Empowering miners to report hazards, without fear of retaliation, is critical to addressing safety and health risks.

MNMSH estimates that it will continue to conduct health inspections at a minimum of 20 percent of mines.

### **FY 2017**

Figures shown for FY 2017 reflect the annualized Continuing Resolution level, as a full-year appropriation had not been enacted at the time the budget was produced. The Department will provide an Operating Plan after a full-year appropriation bill is enacted.

## METAL AND NONMETAL MINE SAFETY AND HEALTH

<b>DETAILED WORKLOAD AND PERFORMANCE</b>					
		<b>FY 2016 Enacted</b>		<b>FY 2017 Full Year C.R.</b>	<b>FY 2018 Request</b>
		<b>Target</b>	<b>Result</b>	<b>Target</b>	<b>Target</b>
<b>Metal and Nonmetal Mine Safety and Health</b>					
MSHA-PG-01	Five-year rolling average of fatal injuries per 200,000 hours worked	0.0119	0.0123	0.0121	TBD
MSHA-MNM-01	Percent of regular mandated MNM inspections	100%	100%	100%	100%
MSHA-MNM-01.1	Number of regular mandated MNM underground inspections	930	905	940	960
MSHA-MNM-01.2	Number of regular mandated MNM surface inspections	16,100	15,642	16,250	16,300
MSHA-MNM-02	Number of impact inspections of MNM mines	20[p]	60	20[p]	20[p]
MSHA-MNM-05	Percent of MNM mines receiving comprehensive health inspections	20.0%	29.0%	20.0%	20.0%
MSHA-MNM-11	Percent of audited activities not requiring corrective actions	90%	98%	90%	90%
MSHA-01	Percent of 105(c) investigations of miner discrimination complaints that are completed within 60 days of receipt	85%	95%	85%	85%
MSHA-02	Percent of investigations of miner requests for temporary reinstatements that are completed within 20 days of receipt	75%	81%	75%	75%
MSHA-03	Number of 103(g) imminent danger complaint investigations initiated within 1 day of receipt	100%	100%	100%	100%

Legend: (r) Revised (e) Estimate (base) Baseline -- Not Applicable TBD - To Be Determined [p] - Projection

## METAL AND NONMETAL MINE SAFETY AND HEALTH

MNMSH will continue its enforcement strategies and initiatives through the following:

- *MSHA-MNM-01, MSHA-MNM-01.1, and MSHA-MNM 01.2*: MNMSH will continue to complete all regular mandated inspections.
- *MSHA-MNM-02*: MNMSH will conduct approximately 20 impact inspections. The number of impact inspections is dependent on the number of mines that meet specific criteria.
- *MSHA-MNM-05*: MNMSH will continue to conduct comprehensive health inspections at 20 percent of mines to ensure that the operators provide miners adequate protection from exposure to airborne contaminants, and noise.
- *MSHA-MNM-11*: MNMSH will conduct all inspection activities according to established policies, procedures, and handbooks and will continue its audit function.

Miners must be free to exercise their rights to identify hazardous conditions and request MSHA inspections without retaliation or discrimination. These efforts support workers' rights through the following:

- *MSHA-01*: MNMSH expects to meet its goal of completing 85 percent of 105(c) investigations of miner discrimination complaints within 60 days of receipt of a complaint in FY 2017 and FY 2018.
- *MSHA-02*: In FY 2017 and FY 2018, MNMSH expects to meet its goal of completing 75 percent of investigations of miner requests for temporary reinstatement within 20 days of receipt.
- *MSHA-03*: MNMSH plans to continue to investigate 100 percent of 103(g) imminent danger complaints within one day of receipt.

## METAL AND NONMETAL MINE SAFETY AND HEALTH

<b>BUDGET ACTIVITY BY OBJECT CLASS</b>					
(Dollars in Thousands)					
		<b>FY 2016 Enacted</b>	<b>FY 2017 Full Year C.R.</b>	<b>FY 2018 Request</b>	<b>Diff. FY18 Request / FY17 Full Year C.R.</b>
11.1	Full-time permanent	47,808	48,820	50,128	1,308
11.3	Other than full-time permanent	74	23	23	0
11.5	Other personnel compensation	980	994	994	0
11.8	Special personal services payments	0	0	0	0
11.9	<b>Total personnel compensation</b>	<b>48,862</b>	<b>49,837</b>	<b>51,145</b>	<b>1,308</b>
12.1	Civilian personnel benefits	18,978	19,750	20,261	511
13.0	Benefits for former personnel	15	0	0	0
21.0	Travel and transportation of persons	8,351	7,997	7,997	0
22.0	Transportation of things	2,548	2,654	2,654	0
23.1	Rental payments to GSA	4,130	5,108	5,108	0
23.2	Rental payments to others	12	5	5	0
23.3	Communications, utilities, and miscellaneous charges	491	448	448	0
24.0	Printing and reproduction	13	23	23	0
25.1	Advisory and assistance services	5	10	10	0
25.2	Other services from non-Federal sources	556	263	263	0
25.3	Other goods and services from Federal sources 1/	9,280	7,931	7,931	0
25.4	Operation and maintenance of facilities	0	0	0	0
25.5	Research and development contracts	0	0	0	0
25.7	Operation and maintenance of equipment	695	640	640	0
26.0	Supplies and materials	1,012	860	860	0
31.0	Equipment	239	522	522	0
41.0	Grants, subsidies, and contributions	0	0	0	0
42.0	Insurance claims and indemnities	0	8	8	0
	<b>Total</b>	<b>95,187</b>	<b>96,056</b>	<b>97,875</b>	<b>1,819</b>
	1/Other goods and services from Federal sources				
	Working Capital Fund	8,509	6,819	6,819	0
	DHS Services	215	210	210	0
	HHS Services	259	264	264	0
	Services by Other Government Departments	297	638	638	0



# METAL AND NONMETAL MINE SAFETY AND HEALTH

## CHANGES IN FY 2018

(Dollars in Thousands)

### Activity Changes

#### Built-In

To Provide For:

Costs of pay adjustments	\$1,308
Personnel benefits	454
Two days less of Pay	0
Federal Employees' Compensation Act (FECA)	57
Benefits for former personnel	0
Travel and transportation of persons	0
Transportation of things	0
Rental payments to GSA	0
Rental payments to others	0
Communications, utilities, and miscellaneous charges	0
Printing and reproduction	0
Advisory and assistance services	0
Other services from non-Federal sources	0
Working Capital Fund	0
Other Federal sources (DHS Charges)	0
Other goods and services from Federal sources	0
Research & Development Contracts	0
Operation and maintenance of facilities	0
Operation and maintenance of equipment	0
Supplies and materials	0
Equipment	0
Grants, subsidies, and contributions	0
Insurance claims and indemnities	0

**Built-Ins Subtotal** **\$1,819**

**Net Program** **\$0**

**Direct FTE** **0**

**Estimate** **FTE**

**Base** **\$97,875** **589**

**Program Increase** **\$0** **0**

**Program Decrease** **\$0** **0**



## OFFICE OF STANDARDS, REGULATIONS, AND VARIANCES

<b>BUDGET AUTHORITY BEFORE THE COMMITTEE</b>				
(Dollars in Thousands)				
	<b>FY 2016 Enacted</b>	<b>FY 2017 Full Year C.R.</b>	<b>FY 2018 Request</b>	<b>Diff. FY18 Request / FY17 Full Year C.R.</b>
<b>Activity Appropriation</b>	<b>5,416</b>	<b>5,405</b>	<b>5,460</b>	<b>55</b>
FTE	19	18	18	0

NOTE: FY 2016 reflects actual FTE. Authorized FTE for FY 2016 was 24.

### **Introduction**

The Office of Standards, Regulations, and Variances (OSRV), in coordination with the Office of the Solicitor Mine Safety and Health Division and other MSHA program offices, develops standards and regulations for the mining industry that protect the safety and health of miners. These standards and regulations establish enforcement requirements for compliance in accordance with the Federal Mine Safety and Health Act of 1977, as amended by the Mine Improvement and New Emergency Response (MINER) Act of 2006. OSRV maintains MSHA’s rulemaking docket. OSRV assures transparency in the regulatory process by posting background documents, comments, and transcripts for each rulemaking at Regulations.gov.

OSRV also administers MSHA’s Petition for Modification program, the Freedom of Information Act (FOIA) program, and information collection activities under the Paperwork Reduction Act of 1995.

OSRV proposes and promulgates new and improved safety and health standards and regulations on the basis of information submitted to the Secretary by interested parties, including representatives of any organization of employers or employees, nationally recognized standards-producing organizations, the Secretary of Health and Human Services (HHS), HHS’s National Institute for Occupational Safety and Health (NIOSH), and States or political subdivisions, or on the basis of information developed by the Secretary or otherwise available.

In accordance with Executive Orders (E.O.) 12866 and 13563, MSHA performs an analysis of anticipated benefits and costs of each significant regulatory action, develops and publishes MSHA’s Semi-Annual Regulatory Agenda and Regulatory Plan, and reviews existing rules to identify regulations that are inconsistent with E.O. policy directives.

### **Five-Year Budget Activity History**

<b><u>Fiscal Year</u></b>	<b><u>Funding</u></b> (Dollars in Thousands)	<b><u>FTE</u></b>
2013	\$4,231	27
2014	\$5,416	27
2015	\$5,416	23
2016	\$5,416	24
2017	\$0	0

NOTE: A full-year 2017 appropriation for this account was not enacted at the time the budget was prepared.

## OFFICE OF STANDARDS, REGULATIONS, AND VARIANCES

### FY 2018

MSHA requests \$5,460,000 and 18 FTE for OSRV. The request for this budget activity supports MSHA's priority to strengthen regulatory efforts through work on the following:

- On June 8, 2016, MSHA published a Request for Information on Exposure of Underground Miners to Diesel Exhaust. During the comment period, MSHA received requests for MSHA and the National Institute for Occupational Safety and Health (NIOSH) to form a Diesel Exhaust Health Effects Partnership with the mining industry, including coal and metal and nonmetal mines, diesel engine manufacturers, and representatives of organized labor. This partnership provides a forum for review, evaluation and discussion of the specific technical and scientific questions, posed in MSHA's Request for Information on Exposure of Underground Miners to Diesel Exhaust (Docket No. MSHA-2014-0031). The Partnership will: 1) identify existing controls and best practices used by mine operators to reduce miners' exposure to diesel exhaust; 2) provide a forum for industry, manufacturers, academia and others to present scientific and research findings, and 3) identify the best available data to determine the economic and technological feasibility of approaches to control diesel exhaust. After the comment period closed, MSHA received requests from stakeholders to reopen the rulemaking record during the Partnership proceedings. In response, MSHA published a notice on January 9, 2017, extending the comment period for the RFI, until January 9, 2018.
- On January 23, 2017, MSHA published a final rule revising its standards for Examinations of Working Places in Metal and Nonmetal Mines. On March 23, 2017, MSHA published a proposed rule that would delay the effective date of the final rule. MSHA will hold meetings for stakeholders to provide training, compliance assistance, and materials to assist them in complying with the requirements of the final rule before the effective date of the final rule.
- MSHA is reviewing the Agency's existing standards and regulations in compliance with Executive Order 13777, titled "Enforcing the Regulatory Reform Agenda."

FY 2018 funding will also support OSRV's efforts to process and publish documents related to requests for variances from existing safety standards (Petitions for Modification). In FY 2018, OSRV estimates 50 requests for variances from safety standards will be processed.

OSRV also administers MSHA's FOIA program and information collection activities under the Paperwork Reduction Act of 1995. In 2018, OSRV will:

- Process approximately 1,500 requests for information under FOIA that includes identifying and posting agency information in anticipation of potential FOIA requests.
- Publish an estimated 9 Federal Register notices to notify the public that MSHA is reviewing the agency's information collection requirements and requesting public comments in accordance with the Paperwork Reduction Act of 1995.

## **OFFICE OF STANDARDS, REGULATIONS, AND VARIANCES**

### **FY 2017**

Figures shown for FY 2017 reflect the annualized Continuing Resolution level, as a full-year appropriation had not been enacted at the time the budget was produced. The Department will provide an Operating Plan after a full-year appropriation bill is enacted.

## OFFICE OF STANDARDS, REGULATIONS, AND VARIANCES

<b>DETAILED WORKLOAD AND PERFORMANCE</b>				
	<b>FY 2016 Enacted</b>		<b>FY 2017 Full Year C.R.</b>	<b>FY 2018 Request</b>
	<b>Target</b>	<b>Result</b>	<b>Target</b>	<b>Target</b>
<b>Office of Standards, Regulations, and Variances</b>				
MSHA-OSRV-02    Percent of FOIA requests that are completed within 20 working days of receipt	75%	79%	75%	75%

Legend: (r) Revised    (e) Estimate    (base) Baseline    -- Not Applicable    TBD - To Be Determined    [p] - Projection

## **OFFICE OF STANDARDS, REGULATIONS, AND VARIANCES**

OSRV expects to exceed the target of 75 percent of FOIA Requests that are completed within 20 working days of receipt in FY 2017 and FY 2018. OSRV will continue to process and to provide oversight for FOIA requests that includes identifying and posting agency information in anticipation of potential FOIA requests. In addition, OSRV will support safe and healthy workplaces, particularly in high-risk industries, by proposing and promulgating health and safety standards and regulations on MSHA's regulatory agenda.

## OFFICE OF STANDARDS, REGULATIONS, AND VARIANCES

<b>BUDGET ACTIVITY BY OBJECT CLASS</b>					
(Dollars in Thousands)					
		<b>FY 2016 Enacted</b>	<b>FY 2017 Full Year C.R.</b>	<b>FY 2018 Request</b>	<b>Diff. FY18 Request / FY17 Full Year C.R.</b>
11.1	Full-time permanent	2,356	2,292	2,334	42
11.3	Other than full-time permanent	0	0	0	0
11.5	Other personnel compensation	22	45	45	0
11.8	Special personal services payments	0	0	0	0
11.9	<b>Total personnel compensation</b>	<b>2,378</b>	<b>2,337</b>	<b>2,379</b>	<b>42</b>
12.1	Civilian personnel benefits	643	653	666	13
13.0	Benefits for former personnel	0	0	0	0
21.0	Travel and transportation of persons	32	21	21	0
22.0	Transportation of things	0	0	0	0
23.1	Rental payments to GSA	213	165	165	0
23.2	Rental payments to others	9	18	18	0
23.3	Communications, utilities, and miscellaneous charges	23	12	12	0
24.0	Printing and reproduction	78	80	80	0
25.1	Advisory and assistance services	140	0	0	0
25.2	Other services from non-Federal sources	98	79	79	0
25.3	Other goods and services from Federal sources 1/	1,184	1,985	1,985	0
25.4	Operation and maintenance of facilities	0	0	0	0
25.5	Research and development contracts	0	0	0	0
25.7	Operation and maintenance of equipment	312	43	43	0
26.0	Supplies and materials	5	4	4	0
31.0	Equipment	301	8	8	0
41.0	Grants, subsidies, and contributions	0	0	0	0
42.0	Insurance claims and indemnities	0	0	0	0
	<b>Total</b>	<b>5,416</b>	<b>5,405</b>	<b>5,460</b>	<b>55</b>
	1/Other goods and services from Federal sources				
	Working Capital Fund	1,164	1,956	1,956	0
	DHS Services	6	7	7	0
	HHS Services	14	22	22	0



# OFFICE OF STANDARDS, REGULATIONS, AND VARIANCES

## CHANGES IN FY 2018

(Dollars in Thousands)

### Activity Changes

#### Built-In

To Provide For:

Costs of pay adjustments	\$42
Personnel benefits	13
Two days less of Pay	0
Federal Employees' Compensation Act (FECA)	0
Benefits for former personnel	0
Travel and transportation of persons	0
Transportation of things	0
Rental payments to GSA	0
Rental payments to others	0
Communications, utilities, and miscellaneous charges	0
Printing and reproduction	0
Advisory and assistance services	0
Other services from non-Federal sources	0
Working Capital Fund	0
Other Federal sources (DHS Charges)	0
Other goods and services from Federal sources	0
Research & Development Contracts	0
Operation and maintenance of facilities	0
Operation and maintenance of equipment	0
Supplies and materials	0
Equipment	0
Grants, subsidies, and contributions	0
Insurance claims and indemnities	0

**Built-Ins Subtotal** **\$55**

**Net Program** **\$0**

**Direct FTE** **0**

	Estimate	FTE
<b>Base</b>	<b>\$5,460</b>	<b>18</b>
<b>Program Increase</b>	<b>\$0</b>	<b>0</b>
<b>Program Decrease</b>	<b>\$0</b>	<b>0</b>



## OFFICE OF ASSESSMENTS

<b>BUDGET AUTHORITY BEFORE THE COMMITTEE</b>				
(Dollars in Thousands)				
	<b>FY 2016 Enacted</b>	<b>FY 2017 Full Year C.R.</b>	<b>FY 2018 Request</b>	<b>Diff. FY18 Request / FY17 Full Year C.R.</b>
<b>Activity Appropriation</b>	7,215	7,452	7,457	5
FTE	53	56	55	-1

NOTE: FY 2016 reflects actual FTE. Authorized FTE for FY 2016 was 52

### **Introduction**

The Office of Assessments (OA) administers the Civil Penalty Program regulations pertaining to assessments and collections of civil monetary penalties for violations of the Mine Act, as amended by the MINER Act and mine safety and health standards; as well as the Special Investigations Program of discrimination complaints filed under Section 105(c) of the Mine Act by miners, representatives of miners, or applicants for employment; and investigation of possible knowing or willful violations under Section 110 of the Mine Act. The OA also manages MSHA’s enhanced enforcement strategies including the Pattern of Violations (POV) Program, which identifies mines exhibiting a potential POV for enhanced enforcement, use of injunctive authority, and impact inspections. In addition, the OA oversees MSHA’s Accountability Program, which ensures enforcement policies and procedures are performed effectively and appropriately.

### **Five-Year Budget Activity History**

<b><u>Fiscal Year</u></b>	<b><u>Funding</u></b> (Dollars in Thousands)	<b><u>FTE</u></b>
2013	\$6,732	53
2014	\$6,976	57
2015	\$6,976	52
2016	\$6,976	52
2017	\$0	0

NOTE: A full-year 2017 appropriation for this account was not enacted at the time the budget was prepared.

### **FY 2018**

MSHA requests \$7,457,000 and 55 FTE for the OA budget activity. This request includes a reduction of 1 FTE to absorb FY 2018 inflationary costs.

In FY 2018, OA will continue the following efforts:

- Assessing civil penalties for violations of the Mine Act consistently, in accordance with statutory criteria;
- Collecting and accounting for penalties paid, and accounting for all penalty cases in litigation before the Federal Mine Safety and Health Review Commission (FMSHRC);

## OFFICE OF ASSESSMENTS

- Coordinating MSHA's accountability functions; and
- Coordinating MSHA's Special Enforcement and Special Investigations programs.

OA anticipates the Technical Compliance and Investigation Office branch will conduct approximately 3 to 5 enforcement field office reviews annually for purposes of ensuring compliance with required investigative practices and procedures. OA also anticipates it will conduct 14 accountability audits for the purpose of monitoring MSHA districts' compliance with established policies and directives. OA will conduct at least one screening to identify mines exhibiting a Pattern of Violations (POV) under Section 104 of the Mine Act.

### **FY 2017**

Figures shown for FY 2017 reflect the annualized Continuing Resolution level, as a full-year appropriation had not been enacted at the time the budget was produced. The Department will provide an Operating Plan after a full-year appropriation bill is enacted.

## OFFICE OF ASSESSMENTS

<b>DETAILED WORKLOAD AND PERFORMANCE</b>					
		<b>FY 2016 Enacted</b>		<b>FY 2017 Full Year C.R.</b>	<b>FY 2018 Request</b>
		<b>Target</b>	<b>Result</b>	<b>Target</b>	<b>Target</b>
<b>Office of Assessments</b>					
MSHA-AS-01	Percent of civil penalties assessed under the regular formula within 65 days of issuance	85%	88%	85%	85%
MSHA-AS-02	Percent of civil penalties special assessed within 225 days of issuance	80%	96%	80%	80%
MSHA-01-Q	Percent of discrimination investigations reviewed by headquarters	100%	100%	100%	100%
MSHA-02-Q	Percent of discrimination cases not returned to investigators for further development	80%	91%	80%	80%

Legend: (r) Revised (e) Estimate (base) Baseline -- Not Applicable TBD - To Be Determined [p] - Projection

## OFFICE OF ASSESSMENTS

The timely assessment of civil penalties is a key component in MSHA's strategy to enforce safety and health standards. OA supports MSHA's Performance Goals through the following:

- *MSHA-AS-01*: In FY 2017 and FY 2018, OA expects to propose 85 percent of regular formula civil penalties to be assessed within 65 days of issuance. OA will continue its efforts to assess civil penalties for all violations of the Act consistently and in accordance with statutory criteria, assess those penalties in a timely manner at a level that will encourage compliance, account for all penalty cases in litigation before the FMSHRC, and collect and account for penalties paid.
- *MSHA-AS-02*: In FY 2017 and FY 2018, OA projects that at least 80 percent of civil penalties that merit a special assessment will be assessed within 225 days of issuance. The OA will continue to collaborate with the Coal and Metal and Nonmetal enforcement programs to ensure reviews of the violations marked for special assessment were warranted.

In support of MSHA's performance goal to protect miners from discrimination and to assure miners have a voice in the workplace, the agency must ensure that miners understand and are free to exercise their rights under the Mine Act without fear of retribution.

- *MSHA-01-Q*: In FY 2017 and FY 2018, OA projects to maintain its performance goals of performing 100 percent review of discrimination investigation cases by headquarters. This process will ensure that enforcement personnel conduct high-quality investigations of all miner discrimination complaints. It will also provide an added level of review for the discrimination investigation process and will demonstrate MSHA's commitment to protecting a miner's right to report health and safety hazards without fear of retaliation.
- *MSHA-02-Q*: In FY 2017 and FY 2018, OA projects 80 percent of discrimination cases will not be returned to investigators for further development. The goal is for MSHA's enforcement programs' special investigators to conduct complete investigations with all necessary information so that none will have to be returned for additional information.

## OFFICE OF ASSESSMENTS

<b>BUDGET ACTIVITY BY OBJECT CLASS</b>					
(Dollars in Thousands)					
		<b>FY 2016 Enacted</b>	<b>FY 2017 Full Year C.R.</b>	<b>FY 2018 Request</b>	<b>Diff. FY18 Request / FY17 Full Year C.R.</b>
11.1	Full-time permanent	4,431	4,601	4,603	2
11.3	Other than full-time permanent	0	0	0	0
11.5	Other personnel compensation	44	86	86	0
11.8	Special personal services payments	0	0	0	0
11.9	<b>Total personnel compensation</b>	<b>4,475</b>	<b>4,687</b>	<b>4,689</b>	<b>2</b>
12.1	Civilian personnel benefits	1,408	1,494	1,497	3
13.0	Benefits for former personnel	1	0	0	0
21.0	Travel and transportation of persons	57	42	42	0
22.0	Transportation of things	0	0	0	0
23.1	Rental payments to GSA	469	445	445	0
23.2	Rental payments to others	1	0	0	0
23.3	Communications, utilities, and miscellaneous charges	282	213	213	0
24.0	Printing and reproduction	1	2	2	0
25.1	Advisory and assistance services	0	0	0	0
25.2	Other services from non-Federal sources	157	76	76	0
25.3	Other goods and services from Federal sources 1/	317	394	394	0
25.4	Operation and maintenance of facilities	0	0	0	0
25.5	Research and development contracts	0	0	0	0
25.7	Operation and maintenance of equipment	27	63	63	0
26.0	Supplies and materials	12	20	20	0
31.0	Equipment	8	16	16	0
41.0	Grants, subsidies, and contributions	0	0	0	0
42.0	Insurance claims and indemnities	0	0	0	0
	<b>Total</b>	<b>7,215</b>	<b>7,452</b>	<b>7,457</b>	<b>5</b>
	1/Other goods and services from Federal sources				
	Working Capital Fund	235	334	334	0
	DHS Services	20	18	18	0
	HHS Services	24	0	0	0
	Services by Other Government Departments	38	42	42	0

# OFFICE OF ASSESSMENTS

## CHANGES IN FY 2018

(Dollars in Thousands)

### Activity Changes

#### Built-In

To Provide For:

Costs of pay adjustments	\$89
Personnel benefits	31
Two days less of Pay	0
Federal Employees' Compensation Act (FECA)	0
Benefits for former personnel	0
Travel and transportation of persons	0
Transportation of things	0
Rental payments to GSA	0
Rental payments to others	0
Communications, utilities, and miscellaneous charges	0
Printing and reproduction	0
Advisory and assistance services	0
Other services from non-Federal sources	0
Working Capital Fund	0
Other Federal sources (DHS Charges)	0
Other goods and services from Federal sources	0
Research & Development Contracts	0
Operation and maintenance of facilities	0
Operation and maintenance of equipment	0
Supplies and materials	0
Equipment	0
Grants, subsidies, and contributions	0
Insurance claims and indemnities	0

**Built-Ins Subtotal** **\$120**

**Net Program** **-\$115**

**Direct FTE** **-1**

	Estimate	FTE
<b>Base</b>	<b>\$7,572</b>	<b>56</b>
<b>Program Increase</b>	<b>\$0</b>	<b>0</b>
<b>Program Decrease</b>	<b>-\$115</b>	<b>-1</b>



## EDUCATIONAL POLICY AND DEVELOPMENT

<b>BUDGET AUTHORITY BEFORE THE COMMITTEE</b>				
(Dollars in Thousands)				
	<b>FY 2016 Enacted</b>	<b>FY 2017 Full Year C.R.</b>	<b>FY 2018 Request</b>	<b>Diff. FY18 Request / FY17 Full Year C.R.</b>
<b>Activity Appropriation</b>	<b>36,852</b>	<b>37,387</b>	<b>37,365</b>	<b>-22</b>
FTE	138	138	135	-3

NOTE: FY 2016 reflects actual FTE. Authorized FTE for FY 2016 was 143.

### **Introduction**

The Directorate of Educational Policy and Development (EPD) administers MSHA’s training programs. EPD plans, monitors, and evaluates all MSHA education and training programs and provides entry-level and journeyman training for MSHA’s enforcement staff. EPD also coordinates training programs with other public and private organizations.

EPD manages and operates the National Mine Health and Safety Academy (Academy) located in Beckley, West Virginia. The Academy provides mine safety and health training to government, industry and labor officials, as well as MSHA mine inspectors.

EPD also administers the Educational Field and Small Mine Services (EFSMS) program which provides compliance assistance to mine operators of all sizes across the country. EFSMS works closely with MSHA’s enforcement programs to identify industry needs and provides compliance assistance to mines with safety and health issues. EFSMS training specialists review mine operator training plans, monitor and assist industry instructors to develop and improve their skills, and assist mine operators with their safety and health programs. EFSMS training specialists also assist miners to understand their rights and responsibilities under the Mine Act.

EPD supports the mission of the Joseph A. Holmes Association, a nonprofit organization created in 1916, to promote health and safety in the mining industry. The Association reaches miners throughout the country by providing technical assistance and coordinating efforts through grassroots safety and health programs and activities for the mining community.

EPD also manages the MSHA State Grants Program and the Brookwood-Sago Mine Safety Grants Program. The State Grants Program supports quality training programs for miners in 49 states and the Navajo Nation. These competitive grants provide funds for mine safety and health training and education programs for workers and mine operators to better identify, avoid, and prevent unsafe working conditions in and around mines.

# EDUCATIONAL POLICY AND DEVELOPMENT

## Five-Year Budget Activity History

<u>Fiscal Year</u>	<u>Funding</u> (Dollars in Thousands)	<u>FTE</u>
2013	\$36,320	150
2014	\$36,320	154
2015	\$36,320	144
2016	\$36,320	143
2017	\$0	0

NOTE: A full-year 2017 appropriation for this account was not enacted at the time the budget was prepared.

## FY 2018

In FY 2018, MSHA requests \$37,365,000 and 135 FTE for the EPD budget activity. This request includes a reduction of 3 FTE to absorb FY 2018 inflationary costs.

In order to foster a culture of safety and improve safety and health conditions in the mining workplace, EPD will strengthen and modernize training and education through the following:

- Provide industry outreach and support in various health, safety, and training initiatives focused on reducing workplace injuries, illnesses, and fatalities.
- Increase efforts to partner with industry to produce new training materials and to share existing industry training materials with other stakeholders.
- Continue to evaluate the effectiveness of 30 CFR Parts 46 and 48 training and retraining of miners.
- Continue transformation of the Academy into a 21<sup>st</sup> Century training hub capable of distributing cutting edge content to a widely dispersed user base through modern technology.
- Expand the Agency's distance learning program for MSHA's entry and journeyman level inspectors.

## FY 2017

Figures shown for FY 2017 reflect the annualized Continuing Resolution level, as a full-year appropriation had not been enacted at the time the budget was produced. The Department will provide an Operating Plan after a full-year appropriation bill is enacted.

## EDUCATIONAL POLICY AND DEVELOPMENT

<b>DETAILED WORKLOAD AND PERFORMANCE</b>					
		<b>FY 2016 Enacted</b>		<b>FY 2017 Full Year C.R.</b>	<b>FY 2018 Request</b>
		<b>Target</b>	<b>Result</b>	<b>Target</b>	<b>Target</b>
<b>Educational Policy and Development</b>					
<b>Course days of training</b>					
MSHA-EPD-02	Course days of training provided to MSHA	1,000[p]	1,322	1,000[p]	1,000[p]
MSHA-EPD-03	Course days of training provided to industry	125[p]	92	125[p]	100[p]
<b>Total</b>		<b>1,125</b>	<b>1,414</b>	<b>1,125</b>	<b>1,100</b>
MSHA-EPD-01	Injury and illness prevention training hours provided	70,000	75,522	70,000	72,500
MSHA-EPD-04	Number of new online courses	16	16	16	16
MSHA-EPD-05	Number trained through State Grants Program	180,000	166,224	170,000	170,000
MSHA-EPD-06	Number of approved instructor evaluations	850	1,072	1,000[r]	1,000

Legend: (r) Revised (e) Estimate (base) Baseline -- Not Applicable TBD - To Be Determined [p] - Projection

## EDUCATIONAL POLICY AND DEVELOPMENT

EPD supports MSHA's Performance Goals through the following:

- *MSHA-EPD-01: Injury and illness prevention training hours* reflects time spent in training mine operators in accident and illness prevention. EPD specialists analyze training programs, review training plans, and provide qualification certification testing for miners. EPD exceeded the FY 2016 target with 75,522 injury and illness prevention training hours. EPD expects to meet its target of 70,000 in FY 2017. The FY 2018 target was increased from 70,000 to 72,500 injury and illness prevention training hours.
- *MSHA-EPD-02 and MSHA-EPD-03: Course days of training* indicate time spent training MSHA and mining industry personnel. This training is critical to maintaining a highly skilled workforce to address potential health and safety hazards found in mines. These measures reflect a decline in coal mining activity that resulted in fewer inspector and industry trainees. In FY 2016, EPD exceeded the projection for training MSHA enforcement personnel. EPD did not meet the industry target for course days of training due to the decline in the coal industry. EPD projects 1,000 course days of training for MSHA personnel and reduces the projected days of training for the mining industry from 125 to 100 days.
- *MSHA-EPD-04: Number of new or revised online courses reflects MSHA's commitment to distance learning.* In FY 2016, EPD developed 16 online courses for MSHA's entry-level inspectors. In FY 2017, EPD will revise or create 16 online courses.
- *MSHA-EPD-05: Number trained through State Grants Program* reflects the number of miners trained. In FY 2016, EPD did not meet its target due to a decline in the coal mining industry. EPD estimates approximately 170,000 miners will be trained through the State Grants Program in FY 2017 and FY 2018.
- *MSHA-EPD-06: Number of approved instructor evaluations* relates to MSHA's evaluation of training instructors effectiveness, training materials, and mine-operator required training plans under Federal Mine Safety Regulations Part 46 and Part 48. In FY 2016, EPD exceeded its target by evaluating and monitoring 1,072 instructors, the greatest number to date. EPD estimates it will conduct 1,000 instructor evaluations in both FY 2017 and FY 2018.

## EDUCATIONAL POLICY AND DEVELOPMENT

<b>BUDGET ACTIVITY BY OBJECT CLASS</b>					
(Dollars in Thousands)					
		<b>FY 2016 Enacted</b>	<b>FY 2017 Full Year C.R.</b>	<b>FY 2018 Request</b>	<b>Diff. FY18 Request / FY17 Full Year C.R.</b>
11.1	Full-time permanent	12,175	12,563	12,542	-21
11.3	Other than full-time permanent	68	35	34	-1
11.5	Other personnel compensation	155	237	237	0
11.8	Special personal services payments	0	0	0	0
11.9	<b>Total personnel compensation</b>	<b>12,398</b>	<b>12,835</b>	<b>12,813</b>	<b>-22</b>
12.1	Civilian personnel benefits	4,205	4,449	4,449	0
13.0	Benefits for former personnel	0	0	0	0
21.0	Travel and transportation of persons	896	455	455	0
22.0	Transportation of things	527	435	435	0
23.0	Rent, Communications, and Utilities	0	0	0	0
23.1	Rental payments to GSA	620	676	676	0
23.2	Rental payments to others	5	0	0	0
23.3	Communications, utilities, and miscellaneous charges	950	996	996	0
24.0	Printing and reproduction	70	55	55	0
25.1	Advisory and assistance services	1	1	1	0
25.2	Other services from non-Federal sources	3,555	3,681	3,681	0
25.3	Other goods and services from Federal sources 1/	3,390	3,353	3,353	0
25.4	Operation and maintenance of facilities	0	110	110	0
25.5	Research and development contracts	0	0	0	0
25.7	Operation and maintenance of equipment	333	402	402	0
26.0	Supplies and materials	321	382	382	0
31.0	Equipment	74	116	116	0
41.0	Grants, subsidies, and contributions	9,441	9,441	9,441	0
42.0	Insurance claims and indemnities	66	0	0	0
	<b>Total</b>	<b>36,852</b>	<b>37,387</b>	<b>37,365</b>	<b>-22</b>
	1/Other goods and services from Federal sources				
	Working Capital Fund	3,247	3,215	3,215	0
	DHS Services	28	28	28	0
	HHS Services	42	59	59	0
	Services by Other Government Departments	73	51	51	0

# EDUCATIONAL POLICY AND DEVELOPMENT

## CHANGES IN FY 2018

(Dollars in Thousands)

### Activity Changes

#### Built-In

To Provide For:

Costs of pay adjustments	\$233
Personnel benefits	84
Two days less of Pay	0
Federal Employees' Compensation Act (FECA)	6
Benefits for former personnel	0
Travel and transportation of persons	0
Transportation of things	0
Rental payments to GSA	0
Rental payments to others	0
Communications, utilities, and miscellaneous charges	0
Printing and reproduction	0
Advisory and assistance services	0
Other services from non-Federal sources	0
Working Capital Fund	0
Other Federal sources (DHS Charges)	0
Other goods and services from Federal sources	0
Research & Development Contracts	0
Operation and maintenance of facilities	0
Operation and maintenance of equipment	0
Supplies and materials	0
Equipment	0
Grants, subsidies, and contributions	0
Insurance claims and indemnities	0

**Built-Ins Subtotal** **\$323**

**Net Program** **-\$345**

**Direct FTE** **-3**

	Estimate	FTE
<b>Base</b>	<b>\$37,710</b>	<b>138</b>
<b>Program Increase</b>	<b>\$0</b>	<b>0</b>
<b>Program Decrease</b>	<b>-\$345</b>	<b>-3</b>

## TECHNICAL SUPPORT

<b>BUDGET AUTHORITY BEFORE THE COMMITTEE</b>				
(Dollars in Thousands)				
	<b>FY 2016 Enacted</b>	<b>FY 2017 Full Year C.R.</b>	<b>FY 2018 Request</b>	<b>Diff. FY18 Request / FY17 Full Year C.R.</b>
<b>Activity Appropriation</b>	<b>34,303</b>	<b>34,344</b>	<b>34,330</b>	<b>-14</b>
FTE	217	208	204	-4

NOTE: FY 2016 reflects actual FTE. Authorized FTE for FY 2016 was 207.

### **Introduction**

Technical Support provides engineering and scientific expertise to MSHA and the mining industry. It conducts field and laboratory forensic investigations to resolve technical problems associated with implementing the Mine Act as amended by the MINER Act; administers an approval program at the Approval and Certification Center (ACC) in Triadelphia, WV to evaluate equipment and materials; assists in accident investigations to identify causes and preventative measures; evaluates new technology for its potential to enhance miners' safety and health; and provides laboratory support for enforcement program areas.

### **Five-Year Budget Activity History**

<b><u>Fiscal Year</u></b>	<b><u>Funding</u></b> (Dollars in Thousands)	<b><u>FTE</u></b>
2013	\$31,855	211
2014	\$33,791	214
2015	\$33,791	207
2016	\$33,791	207
2017	\$0	0

NOTE: A full-year 2017 appropriation for this account was not enacted at the time the budget was prepared.

### **FY 2018**

MSHA requests \$34,330,000 and 204 FTE for the Technical Support activity. This request includes a reduction of 4 FTE to absorb FY 2018 inflationary costs.

In FY 2018, Technical Support will:

- Continue to approve and certify mine equipment, materials, instruments, and explosives, with a focus on minimizing backlogs;
- Continue to provide laboratory support for MSHA enforcement by analyzing airborne dust samples, atmospheric gas samples, mine rock dust samples, and other industrial hygiene related samples to determine compliance with health and safety standards. Technical Support estimates that it will analyze 140,000 samples in FY 2018;
- Provide technical assistance to MSHA enforcement by reviewing complex mine plans specific to mine waste impoundments, roof control, seals, ventilation, and review amendments to these mine plans as requested by MSHA's enforcement programs; and

## **TECHNICAL SUPPORT**

- Provide scientific and engineering technical expertise in support of MSHA litigation cases, accident investigations, and complex safety and health issues.

Technical Support also approves equipment for use in underground mines. It conducts testing and quality control auditing of mining equipment and materials to ensure manufacturers' products continue to meet MSHA standards. Technical Support projects it will complete approximately 415 approvals in FY 2018.

MSHA collects fees for the approval and certification of equipment, materials, and explosives for use in mines. It is projected that MSHA will collect approximately \$1,300,000 in approval fees in FY 2018.

### **FY 2017**

Figures shown for FY 2017 reflect the annualized Continuing Resolution level, as a full-year appropriation had not been enacted at the time the budget was produced. The Department will provide an Operating Plan after a full-year appropriation bill is enacted.



## TECHNICAL SUPPORT

<b>DETAILED WORKLOAD AND PERFORMANCE</b>					
		<b>FY 2016 Enacted</b>		<b>FY 2017 Full Year C.R.</b>	<b>FY 2018 Request</b>
		<b>Target</b>	<b>Result</b>	<b>Target</b>	<b>Target</b>
<b>Technical Support</b>					
MSHA-TS-01	Percent of product approvals (electrical and mechanical equipment, materials, and refuge alternatives) completed within 120 days	55.0%	61.3%	55.0%	55.0%

Legend: (r) Revised (e) Estimate (base) Baseline -- Not Applicable TBD - To Be Determined [p] - Projection

## **TECHNICAL SUPPORT**

Technical Support will work to reduce fatal accidents and health risks to miners through:

- MSHA-TS-01: In FY 2017 and FY 2018, Technical Support projects to complete 55 percent of product approvals within 120 days.

## TECHNICAL SUPPORT

<b>BUDGET ACTIVITY BY OBJECT CLASS</b>					
(Dollars in Thousands)					
		<b>FY 2016 Enacted</b>	<b>FY 2017 Full Year C.R.</b>	<b>FY 2018 Request</b>	<b>Diff. FY18 Request / FY17 Full Year C.R.</b>
11.1	Full-time permanent	17,281	17,109	17,094	-15
11.3	Other than full-time permanent	49	75	75	0
11.5	Other personnel compensation	470	446	446	0
11.8	Special personal services payments	0	0	0	0
11.9	<b>Total personnel compensation</b>	<b>17,800</b>	<b>17,630</b>	<b>17,615</b>	<b>-15</b>
12.1	Civilian personnel benefits	6,305	6,424	6,425	1
13.0	Benefits for former personnel	0	0	0	0
21.0	Travel and transportation of persons	845	430	430	0
22.0	Transportation of things	273	269	269	0
23.1	Rental payments to GSA	94	165	165	0
23.2	Rental payments to others	16	0	0	0
23.3	Communications, utilities, and miscellaneous charges	432	403	403	0
24.0	Printing and reproduction	3	1	1	0
25.1	Advisory and assistance services	54	50	50	0
25.2	Other services from non-Federal sources	850	748	748	0
25.3	Other goods and services from Federal sources 1/	5,523	5,691	5,691	0
25.4	Operation and maintenance of facilities	461	542	542	0
25.5	Research and development contracts	0	0	0	0
25.7	Operation and maintenance of equipment	380	701	701	0
26.0	Supplies and materials	738	720	720	0
31.0	Equipment	529	570	570	0
32.0	Land and Structures	0	0	0	0
41.0	Grants, subsidies, and contributions	0	0	0	0
42.0	Insurance claims and indemnities	0	0	0	0
	<b>Total</b>	<b>34,303</b>	<b>34,344</b>	<b>34,330</b>	<b>-14</b>
	1/Other goods and services from Federal sources				
	Working Capital Fund	3,269	4,402	4,402	0
	DHS Services	6	7	7	0
	HHS Services	2,240	1,175	1,175	0
	Services by Other Government Departments	8	107	107	0

# TECHNICAL SUPPORT

## CHANGES IN FY 2018

(Dollars in Thousands)

### Activity Changes

#### Built-In

To Provide For:

Costs of pay adjustments	\$320
Personnel benefits	124
Two days less of Pay	0
Federal Employees' Compensation Act (FECA)	2
Benefits for former personnel	0
Travel and transportation of persons	0
Transportation of things	0
Rental payments to GSA	0
Rental payments to others	0
Communications, utilities, and miscellaneous charges	0
Printing and reproduction	0
Advisory and assistance services	0
Other services from non-Federal sources	0
Working Capital Fund	0
Other Federal sources (DHS Charges)	0
Other goods and services from Federal sources	0
Research & Development Contracts	0
Operation and maintenance of facilities	0
Operation and maintenance of equipment	0
Supplies and materials	0
Equipment	0
Grants, subsidies, and contributions	0
Insurance claims and indemnities	0
Land and Structures	0

**Built-Ins Subtotal** **\$446**

**Net Program** **-\$460**

**Direct FTE** **-4**

	Estimate	FTE
<b>Base</b>	<b>\$34,790</b>	<b>208</b>
<b>Program Increase</b>	<b>\$0</b>	<b>0</b>
<b>Program Decrease</b>	<b>-\$460</b>	<b>-4</b>

## PROGRAM EVALUATION AND INFORMATION RESOURCES

<b>BUDGET AUTHORITY BEFORE THE COMMITTEE</b>				
(Dollars in Thousands)				
	<b>FY 2016 Enacted</b>	<b>FY 2017 Full Year C.R.</b>	<b>FY 2018 Request</b>	<b>Diff. FY18 Request / FY17 Full Year C.R.</b>
<b>Activity Appropriation</b>	<b>17,990</b>	<b>19,153</b>	<b>19,169</b>	<b>16</b>
FTE	53	53	52	-1

NOTE: FY 2016 reflects actual FTE. Authorized FTE for FY 2016 was 57.

### **Introduction**

The Directorate of Program Evaluation and Information Resources (PEIR) manages MSHA’s program evaluation and information technology (IT) services. PEIR conducts internal reviews, evaluates the effectiveness of agency programs, and conducts follow-up reviews to assure that appropriate corrective actions have been taken. PEIR manages MSHA’s directive system and uses current and emerging technologies to provide enforcement personnel, mine operators, and other stakeholders with continuously updated handbooks, manuals, and related directives.

PEIR collects, analyzes, and publishes data obtained from mine operators and contractors on the occurrence of work-related injuries and illnesses in the mining industry. MSHA, the mining community, and the public use this data to assess progress in preventing occupational injuries and illnesses in the mining industry. PEIR manages MSHA’s Enterprise Architecture (EA) governance process and operates and maintains all agency information technology applications, and the agency’s internet and intranet sites. PEIR uses the principles of the EA to collaborate with stakeholders to develop customer driven projects that support MSHA’s mission to protect the safety and health of miners. PEIR also establishes standards and controls for computer and networking hardware and software.

Among its other responsibilities, PEIR also serves as a liaison between MSHA and the Office of the Inspector General (OIG) and the Government Accountability Office (GAO).

### **Five-Year Budget Activity History**

<b><u>Fiscal Year</u></b>	<b><u>Funding</u></b> (Dollars in Thousands)	<b><u>FTE</u></b>
2013	\$17,207	66
2014	\$17,990	72
2015	\$17,990	67
2016	\$17,990	57
2017	\$0	0

NOTE: A full-year 2017 appropriation for this account was not enacted at the time the budget was prepared.

## **PROGRAM EVALUATION AND INFORMATION RESOURCES**

### **FY 2018**

MSHA requests \$19,169,000 and 52 FTE for the PEIR budget activity. This request includes a reduction of 1 FTE to absorb FY 2018 inflationary costs. PEIR will support MSHA's mission to improve the safety and health of the nation's miners by continuing the following efforts:

- Provide support of MSHA's information technology and communication systems, which include satellite solutions, to improve mine emergency operations.
- Evaluate the effectiveness of MSHA's programs to assure compliance with the Agency's policies and procedures.
- Support and develop tools that automate internal MSHA systems such as Special Enforcement and Investigation (SEI) System that manages discrimination complaints, civil actions, and agent violations.
- Support Samples - Intake, reporting and dashboard activities for Respirable Dust, Continuous Personal Dust Monitor, and MNM Noise.
- Support and modernize MSHA's Standardized Information System (MSIS). The modernization effort will convert MSHA's legacy MSIS application software to a multi-tier architecture.

### **FY 2017**

Figures shown for FY 2017 reflect the annualized Continuing Resolution level, as a full-year appropriation had not been enacted at the time the budget was produced. The Department will provide an Operating Plan after a full-year appropriation bill is enacted.

**PROGRAM EVALUATION AND INFORMATION RESOURCES**

<b>DETAILED WORKLOAD AND PERFORMANCE</b>					
	<b>FY 2016 Enacted</b>		<b>FY 2017 Full Year C.R.</b>	<b>FY 2018 Request</b>	
	<b>Target</b>	<b>Result</b>	<b>Target</b>	<b>Target</b>	
<b>Program Evaluation and Information Resources</b>					
MSHA-13	Major program evaluations conducted	2	2	2[r]	2

Legend: (r) Revised (e) Estimate (base) Baseline -- Not Applicable TBD - To Be Determined [p] - Projection

## **PROGRAM EVALUATION AND INFORMATION RESOURCES**

During FY 2017, PEIR will conduct two evaluations, one of the Office of Educational Policy and Development (EPD)'s monitoring of state grants and another of the Office of Technical Support's Approval and Certification Center (ACC) fees process. Specifically, the objectives of the EPD state grants evaluation are to determine (1) if the number of training completions reported by grantees were accurate and met MSHA's goals 2) if grantees claimed costs in accordance with the grant agreement and only charged costs that were reasonable, allowable and allocable; and 3) the quality and effectiveness of training provided by grantees. The objectives of the ACC evaluation are to determine if MSHA's fees process for the testing, evaluation, and approval of mining products can be improved as well as to determine strategies to eliminate the backlog of electrical and diesel approvals. In FY 2018, PEIR will conduct two program evaluations.



## PROGRAM EVALUATION AND INFORMATION RESOURCES

<b>BUDGET ACTIVITY BY OBJECT CLASS</b>					
(Dollars in Thousands)					
		<b>FY 2016 Enacted</b>	<b>FY 2017 Full Year C.R.</b>	<b>FY 2018 Request</b>	<b>Diff. FY18 Request / FY17 Full Year C.R.</b>
11.1	Full-time permanent	5,244	5,414	5,424	10
11.3	Other than full-time permanent	2	2	2	0
11.5	Other personnel compensation	81	99	99	0
11.8	Special personal services payments	0	0	0	0
11.9	<b>Total personnel compensation</b>	<b>5,327</b>	<b>5,515</b>	<b>5,525</b>	<b>10</b>
12.1	Civilian personnel benefits	1,696	1,832	1,838	6
13.0	Benefits for former personnel	0	0	0	0
21.0	Travel and transportation of persons	64	64	64	0
22.0	Transportation of things	0	0	0	0
23.1	Rental payments to GSA	538	478	478	0
23.2	Rental payments to others	1	0	0	0
23.3	Communications, utilities, and miscellaneous charges	166	398	398	0
24.0	Printing and reproduction	9	9	9	0
25.1	Advisory and assistance services	0	0	0	0
25.2	Other services from non-Federal sources	634	136	136	0
25.3	Other goods and services from Federal sources 1/	3,820	4,054	4,054	0
25.4	Operation and maintenance of facilities	0	0	0	0
25.5	Research and development contracts	0	0	0	0
25.7	Operation and maintenance of equipment	5,585	6,241	6,241	0
26.0	Supplies and materials	36	62	62	0
31.0	Equipment	114	364	364	0
41.0	Grants, subsidies, and contributions	0	0	0	0
42.0	Insurance claims and indemnities	0	0	0	0
	<b>Total</b>	<b>17,990</b>	<b>19,153</b>	<b>19,169</b>	<b>16</b>
	1/Other goods and services from Federal sources				
	Working Capital Fund	3,752	3,975	3,975	0
	DHS Services	30	20	20	0
	HHS Services	14	49	49	0
	Services by Other Government Departments	24	10	10	0

# PROGRAM EVALUATION AND INFORMATION RESOURCES

## CHANGES IN FY 2018

(Dollars in Thousands)

### Activity Changes

#### Built-In

To Provide For:

Costs of pay adjustments	\$96
Personnel benefits	35
Two days less of Pay	0
Federal Employees' Compensation Act (FECA)	0
Benefits for former personnel	0
Travel and transportation of persons	0
Transportation of things	0
Rental payments to GSA	0
Rental payments to others	0
Communications, utilities, and miscellaneous charges	0
Printing and reproduction	0
Advisory and assistance services	0
Other services from non-Federal sources	0
Working Capital Fund	0
Other Federal sources (DHS Charges)	0
Other goods and services from Federal sources	0
Research & Development Contracts	0
Operation and maintenance of facilities	0
Operation and maintenance of equipment	0
Supplies and materials	0
Equipment	0
Grants, subsidies, and contributions	0
Insurance claims and indemnities	0

**Built-Ins Subtotal** **\$131**

**Net Program** **-\$115**

**Direct FTE** **-1**

	Estimate	FTE
<b>Base</b>	<b>\$19,284</b>	<b>53</b>
<b>Program Increase</b>	<b>\$0</b>	<b>0</b>
<b>Program Decrease</b>	<b>-\$115</b>	<b>-1</b>

## PROGRAM ADMINISTRATION

<b>BUDGET AUTHORITY BEFORE THE COMMITTEE</b>				
(Dollars in Thousands)				
	<b>FY 2016 Enacted</b>	<b>FY 2017 Full Year C.R.</b>	<b>FY 2018 Request</b>	<b>Diff. FY18 Request / FY17 Full Year C.R.</b>
<b>Activity Appropriation</b>	<b>15,838</b>	<b>16,473</b>	<b>16,490</b>	<b>17</b>
FTE	94	95	93	-2

NOTE: FY 2016 reflects actual FTE. Authorized FTE for FY 2016 was 91.

### **Introduction**

Program Administration (PA) provides administrative and management advice, products, and services to assist the Office of the Assistant Secretary in implementing the Mine Act, as amended by the MINER Act. The program's director and staff members serve as the principal advisors to the Assistant Secretary on Federal laws, regulations, standards, policies, procedures and related matters concerning the planning, acquisition, utilization, evaluation, and management of MSHA's human, financial, and property resources.

PA plans and directs the full range of administrative management within MSHA. Support services include personnel management; financial management; procurement and contracting; employee training; and safety, health, and diversity programs for MSHA employees. PA supports and strengthens all of MSHA's program activities by providing leadership, policy direction, and administrative support services, enabling the agency to meet or exceed annual safety and health performance goals and objectives.

### **Five-Year Budget Activity History**

<b><u>Fiscal Year</u></b>	<b><u>Funding</u></b> (Dollars in Thousands)	<b><u>FTE</u></b>
2013	\$18,071	93
2014	\$15,838	91
2015	\$15,838	86
2016	\$15,838	91
2017	\$0	0

NOTE: A full-year 2017 appropriation for this account was not enacted at the time the budget was prepared.

### **FY 2018**

In FY 2018, MSHA requests \$16,490,000 and 93 FTE for the PA budget activity. PA will continue to support MSHA's goals to reduce fatalities, injuries, and illness and promote safe and healthy environments in the nation's mines. PA will also support expanding outreach to and cooperative working relationships with the mining community, including industry and labor, state associations and other federal agencies, such as the National Institute for Occupational Safety and Health.

## **PROGRAM ADMINISTRATION**

MSHA will continue its comprehensive human capital plan with goals to reduce mission-critical skills gaps, enhance employee diversity, and reduce workers' compensation costs through improved employee health and safety programs. MSHA will use data to develop recruiting plans to ensure a diverse pool of job applicants and provide innovative, appropriate programs for employee training and development.

PA will also continue to support MSHA's acquisition programs including innovative procurement processes that continue to leverage small and disadvantaged businesses and ensure best value acquisitions. MSHA will seek out and implement continued facility and vehicle fleet management initiatives that maintain mission support in the most cost effective manner.

### **FY 2017**

Figures shown for FY 2017 reflect the annualized Continuing Resolution level, as a full-year appropriation had not been enacted at the time the budget was produced. The Department will provide an Operating Plan after a full-year appropriation bill is enacted.

## PROGRAM ADMINISTRATION

<b>BUDGET ACTIVITY BY OBJECT CLASS</b>					
(Dollars in Thousands)					
		<b>FY 2016 Enacted</b>	<b>FY 2017 Full Year C.R.</b>	<b>FY 2018 Request</b>	<b>Diff. FY18 Request / FY17 Full Year C.R.</b>
11.1	Full-time permanent	9,834	9,990	10,001	11
11.3	Other than full-time permanent	53	0	0	0
11.5	Other personnel compensation	119	169	169	0
11.8	Special personal services payments	0	0	0	0
11.9	<b>Total personnel compensation</b>	<b>10,006</b>	<b>10,159</b>	<b>10,170</b>	<b>11</b>
12.1	Civilian personnel benefits	2,936	3,028	3,034	6
13.0	Benefits for former personnel	0	0	0	0
21.0	Travel and transportation of persons	138	45	45	0
22.0	Transportation of things	9	10	10	0
23.1	Rental payments to GSA	690	840	840	0
23.2	Rental payments to others	2	0	0	0
23.3	Communications, utilities, and miscellaneous charges	204	192	192	0
24.0	Printing and reproduction	12	0	0	0
25.1	Advisory and assistance services	8	0	0	0
25.2	Other services from non-Federal sources	375	172	172	0
25.3	Other goods and services from Federal sources 1/	555	1,732	1,732	0
25.4	Operation and maintenance of facilities	0	0	0	0
25.5	Research and development contracts	0	0	0	0
25.7	Operation and maintenance of equipment	384	135	135	0
26.0	Supplies and materials	153	130	130	0
31.0	Equipment	366	30	30	0
41.0	Grants, subsidies, and contributions	0	0	0	0
42.0	Insurance claims and indemnities	0	0	0	0
	<b>Total</b>	<b>15,838</b>	<b>16,473</b>	<b>16,490</b>	<b>17</b>
	1/Other goods and services from Federal sources				
	Working Capital Fund	314	1,600	1,600	0
	DHS Services	33	35	35	0
	HHS Services	156	67	67	0
	Services by Other Government Departments	52	30	30	0

# PROGRAM ADMINISTRATION

## CHANGES IN FY 2018

(Dollars in Thousands)

### Activity Changes

#### Built-In

To Provide For:

Costs of pay adjustments	\$187
Personnel benefits	58
Two days less of Pay	0
Federal Employees' Compensation Act (FECA)	2
Benefits for former personnel	0
Travel and transportation of persons	0
Transportation of things	0
Rental payments to GSA	0
Rental payments to others	0
Communications, utilities, and miscellaneous charges	0
Printing and reproduction	0
Advisory and assistance services	0
Other services from non-Federal sources	0
Working Capital Fund	0
Other Federal sources (DHS Charges)	0
Other goods and services from Federal sources	0
Research & Development Contracts	0
Operation and maintenance of facilities	0
Operation and maintenance of equipment	0
Supplies and materials	0
Equipment	0
Grants, subsidies, and contributions	0
Insurance claims and indemnities	0

**Built-Ins Subtotal** **\$247**

**Net Program** **-\$230**

**Direct FTE** **-2**

	Estimate	FTE
<b>Base</b>	<b>\$16,720</b>	<b>95</b>
<b>Program Increase</b>	<b>\$0</b>	<b>0</b>
<b>Program Decrease</b>	<b>-\$230</b>	<b>-2</b>