
APPENDIX I

Operational Guidelines for Determination of Injury at Work

Operational Guidelines For Determination Of Injury At Work

1. Complete the injury at work item if any other than natural cause of death is mentioned in Part I or Part II of the medical certification, including homicides, suicides, and accidents, including motor vehicle deaths.
2. The injury at work item **must** be completed for decedents ages 14 or over and may be completed for those less than 14 years of age if warranted. Consider possibility of work injury regardless of whether injury occurred in the course of work in "usual" or other occupation and/or industry. If decedent's "usual" occupation is housewife, student, or retired consider possible injury during other employment. If occupation is transportation-related, suspect injury at work and evaluate per criteria.
3. Consider available information with regard to location and activity at time of injury. If location is farm, suspect work-related and evaluate per criteria.

CRITERIA	INJURY AT WORK	
	Yes	No
<i>On Employer Premises</i>		
• Engaged in work activity, apprentice, vocational training	✓	
• On break, in hallways, rest room, cafeteria, storage area	✓	
• In employer parking lots while working, arriving, or leaving	✓	
• Engaged in recreational activities on employer controlled facilities (games, etc.) for personal enjoyment		✓
• As a visitor for non-work purposes, not on official business		✓
<i>Off Employer Premises</i>		
• Working for pay or compensation, including at home	✓	
• Working as a volunteer EMS, firefighter, or law enforcement officer	✓	
• Working in a family business, including family farm. Activity should be clearly related to a profit-oriented business.	✓	
• Traveling on business, including to and from customer/business contacts	✓	
• Engaged in work activity where vehicle is considered the work environment (e.g., taxi driver, truck driver, etc.)	✓	
• Homemaker working at homemaking activities		✓
• Working for self—non profit, i.e., mowing lawn, repairing own roof, hobby, or recreation activities		✓
• Student engaged in school activities		✓
• Operating vehicle (personal or commercial) for non-work purposes		✓
• Commuting to or from work site		✓

These guidelines were developed jointly by: The Association for Vital Records and Health Statistics (AVRHS), the National Institute for Occupational Safety and Health (NIOSH), the National Center for Health Statistics, (NCHS), and the National Center for Environmental Health and Injury Control (NCEHIC).

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For questions contact your State Vital Statistics Office

APPENDIX II

Abbreviations for Standard Industrial Classification (SIC) Industry Divisions and Bureau of the Census (BOC) Occupation Groups

**Abbreviations for Standard Industrial Classification (SIC) Industry Divisions and
Bureau of the Census (BOC) Occupation Groups**

Industry Abbreviation	Description (SIC)
Ag/For/Fish	Agriculture/Forestry/Fishing
Mining	Mining
Construction	Construction
Manufacturing	Manufacturing
Trans/Comm/PU	Transportation/Communication/Public Utilities
Wholesale Trade	Wholesale Trade
Retail Trade	Retail Trade
Finance/Insur/RE	Finance/Insurance/Real Estate
Services	Services
Public Admin	Public Administration

Occupation Abbreviation	Description (BOC)
Exec/Adm/Mgr	Executives/Administrators/Managers
Prof/Spec	Professional Specialties
Tech/Support	Technicians/Related Support
Sales	Sales
Clerical	Clerical
Service	Service
Farm/For/Fish	Farmers/Foresters/Fishers
Crafts	Precision Production/Craft/Repair
Mach Operators	Machine Operators
Transport	Transportation/Material Movers
Laborers	Laborers

APPENDIX III
ICD-9 E-Code Rubrics for Cause of Death Categories

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Category	ICD-9 Rubric
Rail Transport	E800-E807
Motor Vehicle	E810-E829, E846-E849
Water Transport	E830-E838
Air Transport	E840-E845
Poisoning	E850-E858, E860-E869
Fall	E880-E888
Fire	E890-E899
Nature/Environment	E900-E909, E928
Drowning	E910
Suffocation	E911-E913
Struck By Falling Object	E916
Flying Object/Caught In	E917, E918
Machine	E919
Explosion	E921, E923
Electrocution	E925
Suicide	E950-E959
Homicide	E960-E969
Other	E870-E879, E914, E915, E920, E922, E924, E926, E927, E929, E930-E949, E970-E978, E990-E999
Unknown/Undetermined	E980-E989, Blank

*International Classification of Diseases, Ninth Revision.

FATAL INJURIES TO WORKERS IN THE UNITED STATES, 1980-1989

Appendix IV - NEW
NIOSH Publication No. 93-108S
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The following appendix should be added to the subject report as it identifies the industries within the 10 major industrial divisions from the Standard Industrial Classification Manual.¹²

Agriculture, forestry, and fishing: crop and livestock production, animal specialties, agricultural services, forestry, fishing, hunting, and trapping.

Mining*: metal and coal mining, oil and gas extraction, and mining and quarrying of nonmetallic minerals.

Construction: building construction, heavy construction, and special trade.

Manufacturing: timber harvesting; products of food, tobacco, textile mills, fabrics, lumber and wood, paper, chemicals, rubber, plastics, leather, stone, clay, glass, concrete, and primary and fabricated metals; apparel; furniture and fixtures; printing and publishing; petroleum refining; industrial and commercial machinery; computer, electronic and transportation equipment; and measuring, analyzing, and controlling instruments.

Transportation, communications, and public utilities: railroad, air, and water transportation; local, suburban, and highway passenger transportation; motor freight; US postal service; pipelines; transportation services; communications; and electric, gas, and sanitary services.

Wholesale trade: of durable and nondurable goods.

Retail trade: of building materials, hardware, garden supply, mobile homes, automobiles, general merchandise, food, apparel, accessory, furnishings, and equipment stores; gasoline service stations; and eating and drinking places.

Finance, insurance, and real estate: depository and credit institutions; security and commodity brokers, dealers, exchanges, services; insurance carriers, agents, brokers, and service; real estate; and investment offices.

Services: personal business, automotive repair, parking, and miscellaneous repair services; motion pictures, amusement, and recreation services; health, legal, educational, and social services; museums, art galleries, botanical gardens, and zoos; membership organizations; engineering, accounting, research, and management services; and private household services.

Public administration: executive, legislative, and general government, except finance; justice, public order, and safety; public finance, taxation, and monetary policy; administration of human resource, environmental quality, housing, and economic programs; and national security and international affairs.

*Fatality data specific to coal, metal, and non-metal mining and quarrying can be obtained from the Mine Safety and Health Administration (MSHA).

National Institute for Occupational Safety and Health (NIOSH), Centers for Disease Control and Prevention, Public Health Service, Department of Health and Human Services.