

Appendix B: Occupations at High Risk for Occupational Morbidity

For Indicator 15, high-risk occupations had injury and illness rates higher than the national injury and illness rate reported by the Bureau of Labor Statistics (BLS) Survey of Occupational Injuries and Illnesses (Annual Survey). The data source for occupation-specific employment is the Current Population Survey (CPS). Prior to 2003, CPS data were coded using the 1990 occupation classification system developed by the Bureau of the Census. From 2003 on, the CPS has used the 2002 Census occupation classification system, which is derived from the 2000 Standard Occupational Classification (SOC) system.

'High Risk' Occupations, 2000 - 2002

The following 23 occupations were identified as "high risk" because they had injury and illness¹ rates that exceeded 5 per 100 full-time workers – more than two-and-a-half times the overall national injury and illness rate – according to the BLS Annual Survey in 1999 (the most recent data available when the indicator was originally developed). In generating Indicator 15 for 2000 – 2002, the following 1990 Census codes were used to identify occupations with high risk for morbidity in the Current Population Survey (CPS) data.

1990 Census Occupation Code	Occupation
2350	Technicians, n.e.c.
4440	Miscellaneous food preparation occupations
4630	Public transportation attendants
4960	Timber cutting and logging occupations
5270	Telephone line installers and repairers
5760	Electrician apprentices
5960	Sheetmetal duct installers
5970	Structural metal workers
7060	Punching and stamping press machine operators
7090	Grinding, abrading, buffing and polishing machine operators
7270	Sawing machine operators
7550	Extruding and forming machine operators
7660	Furnace, kiln, and oven operators, exc. food
7680	Crushing and grinding machine operators
8040	Truck drivers
8060	Driver-sales workers
8530	Excavating and loading machine operators
8590	Misc. material moving equipment operators
8660	Helpers, construction trades
8690	Construction laborers
8740	Production helpers
8830	Freight, stock, and material handlers, nec
8890	Laborers, except construction

‘High Risk’ Occupations, 2003 - 2008

The following 83 occupations were identified as “high risk” because they had injury and illness¹ rates that exceeded 2.6 per 100 full-time workers – twice the national injury and illness rate – according to the BLS Annual Survey in 2003. In generating Indicator 15 for 2002 – 2008, the following Census codes were used to identify occupations with high risk for morbidity in the Current Population Survey (CPS) data.

2002?? Census	
Occupation Code	Occupation
2700	Actors
3400	Emergency medical technicians and paramedics
3600	Nursing, psychiatric, and home health aides
3700	First line supervisors/managers of correctional officers
3740	Fire fighters
3750	Fire inspectors
4050	Combined food preparation and serving workers, including fast food
4120	Food servers, non-restaurant
4160	Food preparation and serving related workers, all others
4240	Pest control workers
4550	Transportation attendants
5410	Reservation and transportation ticket agents and travel clerks
5500	Cargo and freight agents
6020	Animal breeders
6130	Logging workers
6230	Carpenters
6260	Construction laborers
6300	Paving, surfacing, and tamping equipment operators
6310	Pile driver operators
6360	Glaziers
6400	Insulation workers
6500	Reinforcing iron and rebar workers
6520	Sheet metal workers
6530	Structural iron and steel workers
6600	Helpers, construction trades
6750	Septic tank servicers and sewer pipe cleaners
6760	Miscellaneous construction and related workers
6800	Derrick, rotary drill, and service unit operators, oil gas, and mining
6820	Earth drillers, except oil and gas
6910	Roof bolters, mining
6920	Roustabouts, oil and gas
6930	Helpers, extractive workers
6940	Other extractive workers

7050	Electrical and electronics installers/repairers, transportation equipment
7100	Electrical and electronics installers/repairers, industrial and utility
7140	Aircraft mechanics and service technicians
7220	Heavy vehicle and mobile equipment service technicians and mechanics
7260	Misc. vehicle and mobile equipment mechanics, installers, and repairers
7310	Heating, air conditioning, and refrigeration mechanics, installers, and repairers
7320	Home appliance repairers
7340	Maintenance and repair workers, general
7350	Maintenance workers, machinery
7420	Telecommunications line installers and repairers
7560	Riggers
7600	Signal and track switch repairers
7610	Helpers of installation, maintenance, and repair workers
7710	Aircraft structure, surfaces, rigging, and system assemblers
7730	Engine and other machine assemblers
7830	Food/tobacco roasting, baking, and drying machine operators, tenders
7850	Food cooking machine operators, tenders
7920	Extruding/drawing machine setters, operators, tenders-metal and plastic
7940	Rolling machine setters, operators, tenders-metal and plastic
8010	Lathe and turning machine tool setters, operators, tenders-metal and plastic
8020	Milling and planing machine setters, operators, tenders-metal and plastic
8040	Metal furnace and kiln operators, tenders
8100	Molders and molding machine setters, operators, tenders-metal and plastic
8120	Multiple machine tool setters, operators, tenders-metal and plastic
8160	Layout workers-metal and plastic
8230	Bookbinders and bindery workers
8430	Extruding and forming machine setters, operators, tenders-synthetic & glass fibers
8530	Sawing machine setters, operators, tenders-wood
8540	Woodworking machine setters, operators, tenders, except sawing
8650	Crushing, grinding, polishing, mixing, and blending workers
8710	Cutting workers
8720	Extruding, forming, pressing, and compacting machine setters, operators, tenders
8900	Cooling and freezing equipment operators, tenders
8920	Molders, shapers, and casters, except metal and plastic
8940	Tire builders
8950	Helpers for production workers
8960	Production workers, all other
9110	Ambulance drivers & attendants except EMT
9130	Driver/sales workers and truck drivers
9230	Railroad brake, signal, and switch operators
9240	Railroad conductors and yardmasters
9300	Sailors and marine oilers
9330	Ship engineers
9420	Other transportation workers
9500	Conveyor operators, tenders

9620	Laborers and freight, stock, and material movers-hand
9630	Machine feeders and offbearers
9720	Refuse and recyclable material collectors
9730	Shuttle car operators
9750	Material moving workers, all other

Technical Notes:

The list of high-risk occupations will be updated every five years to reflect changes in occupations with high risk for morbidity over time. For example, the occupations at high risk for occupational morbidity according to the 1999 BLS Annual Survey may differ somewhat from the high-risk occupations identified through the 2003 BLS Annual Survey. It is not anticipated that year-to-year changes will have significant effect on comparative or trend analyses, but these changes will be evaluated.

The composition and grouping of occupations changed substantially from the 1990 Census classification system to the 2002 CPS Census classification system. Due to differences between the two systems, users should be cautious when comparing indicator results before 2003 with results from later years.

¹Limited to injuries and illnesses that resulted in days away from work.