

<b>Supplemental Table 1</b> Data definitions	
<b>Definitions</b>	<b>ICD-9-CM Codes</b>
<b>Opioid overdose and adverse effects (all-listed diagnoses)</b>	
Prescription opioid overdose	
Poisoning: Opium/alkaloids unspecified	965.00
Poisoning: Methadone	965.02
Poisoning: Other opioids	965.09
Accidental poisoning: Methadone	E850.1
Accidental poisoning: Other opioids	E850.2
Prescription opioid adverse effects	
Adverse effects: Methadone	E935.1
Adverse effects: Other opioids	E935.2
Heroin overdose	
Poisoning: Heroin	965.01
Accidental poisoning: Heroin	E850.0
Heroin adverse effects	E935.0
<b>Injured workers (all-listed E-codes; first-listed payer)</b>	
Civilian activity done for income or pay	E000.0
Railway employee injured in railway accident	E800.0-E807.0 (only if fifth digit=0)
Watercraft crew injured in water transport accident	E830.2-E838.2 (only if fifth digit=2)
Dockers/stevedores injured in water transport accident	E830.6-E838.6 (only if fifth digit=6)
Aircraft crew injured in air transport accident	E840.2-E845.2 (only if fifth digit=2)
Ground crew injured in air transport accidents	E840.8-E845.8 (only if fifth digit=8)
Accidents involving powered vehicles used solely within buildings and premises of industrial or commercial establishments	E846
Expected payer=WC (first-listed payer only)	(payer codes for WC vary by state and year)
<b>Opioid dependence or abuse (all-listed diagnoses)</b>	304.0x, 304.7x, 305.5x
<b>Cancer, excluding non-melanoma skin cancer (all-listed diagnoses)</b>	140.x-172.x, 174.x-209.x, 230.x-234.x
<b>Injury hospitalization (first-listed diagnosis only)</b>	800.x-959.x
<b>Low back disorder (all-listed diagnoses)</b>	721.3, 721.42, 722.10, 722.32, 722.52, 722.73, 722.83, 722.93, 724.02, 724.2, 724.3, 724.6, 738.4, 739.3, 739.4, 756.11, 756.12

E-codes, ICD-9-CM external cause of injury codes; ICD-9-CM, International Classification of Diseases, 9th Revision, Clinical Modification; WC, workers' compensation.