

Supplemental Table 3. Clinical diagnosis group post-transition intercepts and trends.

Clinical Diagnosis Group	Intercept			Slope (% per year)			Model
	Constant	95% CI	P	Magnitude	95% CI	P	
Acute myocardial infarction/heart failure	-5.085	-5.503 to -4.667	< 0.001				Negative binomial
Amputation	0.337	0.245 to 0.429	< 0.001	-0.007	-0.020 to 0.007	0.34	Linear
Asbestosis	-5.356	-5.916 to -4.797	< 0.001				Negative binomial
Burn	1.334	1.062 to 1.607	< 0.001	0.011	-0.031 to 0.052	0.62	Linear
Carpal tunnel syndrome	0.347	0.269 to 0.425	< 0.001	-0.018	-0.030 to -0.006	< 0.01	Linear
Cellulitis or abscess	0.709	0.502 to 0.915	< 0.001	-0.034	-0.065 to -0.003	< 0.01	Linear
Complications of surgical and medical care nec	0.119	0.041 to 0.196	< 0.01	0.003	-0.009 to 0.015	0.65	Linear
Congenital abnormalities nec and perinatal conditions	-6.790	-7.770 to -5.810	< 0.001				Negative binomial
Congenital spondylolisthesis	-19.942	-723.188 to 683.304	0.96				Negative binomial
Contact dermatitis and other eczema	0.277	0.085 to 0.468	< 0.01	-0.013	-0.042 to 0.017	0.39	Linear
Contusion with intact skin surface	16.795	15.383 to 18.206	< 0.001	0.2	-0.021 to 0.421	0.08	Linear
Crushing injury	1.443	1.158 to 1.727	< 0.001	-0.022	-0.067 to 0.023	0.33	Linear
Disc disorders and spinal stenosis	1.386	1.168 to 1.604	< 0.001	-0.073	-0.106 to -0.04	< 0.001	Linear
Diseases of musculoskeletal and connective tissue nec	1.287	1.070 to 1.504	< 0.001	-0.057	-0.090 to -0.024	< 0.01	Linear
Diseases of the blood and blood-forming organs	-4.957	-5.349 to -4.565	< 0.001				Negative binomial
Diseases of the circulatory system nec	0.079	-0.017 to 0.175	0.11	0.009	-0.006 to 0.023	0.25	Linear
Diseases of the digestive systems nec	0.026	-0.037 to 0.089	0.41	0.003	-0.007 to 0.012	0.60	Linear
Diseases of the genitourinary system	0.025	-0.015 to 0.065	0.22	-0.002	-0.008 to 0.004	0.49	Linear
Diseases of the nervous system and sense organs nec	1.412	1.048 to 1.777	< 0.001	-0.058	-0.115 to -0.001	< 0.05	Linear
Diseases of the respiratory system nec	0.161	0.094 to 0.228	< 0.001	-0.01	-0.02 to < 0.001	0.05	Linear
Diseases of the skin and subcutaneous tissue nec	0.107	0.034 to 0.179	< 0.01	0.006	-0.005 to 0.017	0.30	Linear
Dislocation	0.585	0.449 to 0.721	< 0.001	0.001	-0.019 to 0.022	0.90	Linear
Endocrine, nutritional and metabolic diseases	0.025	-0.034 to 0.083	0.40	-0.002	-0.011 to 0.007	0.66	Linear
Foreign body, eye	1.461	1.036 to 1.887	< 0.001	-0.094	-0.160 to -0.028	< 0.01	Linear
Foreign body, not eye	0.005	-0.030 to 0.040	0.78	0.002	-0.004 to 0.007	0.56	Linear
Fracture - head	0.539	0.409 to 0.669	< 0.001	-0.017	-0.037 to 0.004	0.10	Linear
Fracture - lower extremity	1.362	1.039 to 1.686	< 0.001	0.099	0.049 to 0.149	< 0.001	Linear
Fracture - nec	0.141	0.072 to 0.210	< 0.001	-0.002	-0.013 to 0.008	0.67	Linear
Fracture - neck and trunk	0.600	0.420 to 0.780	< 0.001	0.019	-0.009 to 0.048	0.18	Linear
Fracture - upper extremity	2.767	2.355 to 3.179	< 0.001	0.06	-0.003 to 0.122	0.06	Linear
Hernia	0.459	0.330 to 0.589	< 0.001	-0.016	-0.036 to 0.005	0.13	Linear
Infectious and parasitic diseases	0.127	0.047 to 0.207	< 0.01	-0.012	-0.024 to 0.001	0.07	Linear
Injury to nerves and spinal cord	0.224	0.155 to 0.294	< 0.001	-0.005	-0.015 to 0.005	0.35	Linear
Internal or blood vessel injuries nec	0.141	0.062 to 0.221	< 0.001	0.008	-0.005 to 0.020	0.21	Linear
Intracranial injury	0.93	0.575 to 1.285	< 0.001	0.103	0.049 to 0.157	< 0.001	Linear
Joint disorders nec	0.374	0.240 to 0.508	< 0.001	0.006	-0.015 to 0.026	0.57	Linear
Knee disorders	0.258	0.171 to 0.345	< 0.001	-0.003	-0.016 to 0.010	0.68	Linear
Knee sprain or tear	4.004	3.523 to 4.485	< 0.001	-0.026	-0.100 to 0.049	0.50	Linear
Mental disorders from brain damage	0.144	0.036 to 0.252	< 0.01	0.009	-0.007 to 0.026	0.27	Linear
Mental, behavioral and neurodevelopmental disorders nec	0.636	0.459 to 0.813	< 0.001	-0.031	-0.058 to -0.004	< 0.05	Linear
Neoplasms	0.022	-0.015 to 0.059	0.24	0.002	-0.004 to 0.007	0.59	Linear
Open wounds nec	14.695	12.712 to 16.677	< 0.001	0.01	-0.303 to 0.324	0.95	Linear
Other and unspecified effects of external cause nec	2.310	1.863 to 2.756	< 0.001	0.013	-0.053 to 0.079	0.70	Linear
Pneumoconiosis, resp. Cond. Due to external agents	0.141	0.047 to 0.235	< 0.01	-0.008	-0.023 to 0.006	0.26	Linear
Poisoning and toxic effects, medical or non-medical	0.668	0.428 to 0.909	< 0.001	-0.043	-0.079 to -0.008	< 0.05	Linear

Clinical Diagnosis Group	Intercept			Slope (% per year)			Model
	Constant	95% CI	P	Magnitude	95% CI	P	
Pregnancy related conditions and adverse outcomes	-6.567	-7.443 to -5.690	< 0.001				Negative binomial
Soft tissue/enthesopathy	3.312	2.878 to 3.745	< 0.001	-0.107	-0.176 to -0.039	< 0.01	Linear
Spinal osteoarthritis	0.035	-0.029 to 0.099	0.29	0.005	-0.005 to 0.015	0.29	Linear
Sprains - back	11.849	11.077 to 12.621	< 0.001	-0.335	-0.453 to -0.218	< 0.001	Linear
Sprains - lower extremity except knee	6.034	4.999 to 7.070	< 0.001	0.036	-0.127 to 0.200	0.66	Linear
Sprains - nec	1.061	0.727 to 1.395	< 0.001	0.107	0.057 to 0.158	< 0.001	Linear
Sprains - neck	5.290	4.730 to 5.850	< 0.001	0.001	-0.087 to 0.088	0.99	Linear
Sprains - upper extremity	10.162	9.528 to 10.797	< 0.001	0.155	0.057 to 0.253	< 0.01	Linear
Superficial injury	4.204	3.526 to 4.882	< 0.001	0.051	-0.056 to 0.158	0.34	Linear
Symptoms, signs, abnormal clinical or laboratory findings nec	0.047	-0.032 to 0.126	0.24	0.005	-0.007 to 0.017	0.38	Linear

Constant/intercept, 95% Confidence Intervals (CI), and p-values (P).

Note: Two groups with zero claims were excluded from this table: Black Lung (managed in a different program), and Death - cause unknown