

Appendix M

Appendix M – Summary of Hazards Profiled in County Plans

Natural Hazard Rankings

County	Coastal Erosion	Drought	Earthquake	Extreme Temperatures	Flood, Flash Flood, Ice Jam	Hailstorm	Hurricane, Tropical Storm, Nor'easter	Invasive Species	Landslide	Lightning Strike	Pandemic and Infectious Disease	Radon Exposure	Subsidence, Sinkhole	Tornado, Wind Storm	Wildfire	Winter Storms
Adams	-	H	L	M	H	L	M	L	-	-	L	-	L	H	H	H
Allegheny	-	M	L	-	H	-	L	-	M	-	L	L	L	H	L	H
Armstrong	-	M	L	-	H	-	M	M	M	-	M	H	L	H	M	H
Beaver	-	H	L	-	H	-	-	-	M	-	H	M	-	H	-	H
Bedford	-	M	M	M	H	M	-	H	L	L	H	M	H	H	H	H
Berks	-	H	H	H	H	-	H	-	M	-	H	H	H	H	L	H
Blair	-	NR	NR	NR	NR	NR	NR	-	NR	NR	-	-	NR	NR	NR	NR
Bradford	-	M	M	M	H	-	M	M	L	-	H	H	-	L	L	H
Bucks	-	M	L	M	H	L	H	-	M	M	M	L	L	M	M	H
Butler	-	L	L	-	H	-	-	-	L	-	-	-	M	H	L	H
Cambria	-	L	-	L	H	L	-	-	L	M	L	L	L	M	-	-
Cameron	-	H	L	-	H	-	H	-	L	-	H	H	L	L	H	H
Carbon	-	M	-	-	H	L	M	-	L	-	-	L	-	-	H	H
Centre	-	H	L	L	H	-	M	-	L	L	M	L	M	M	M	H
Chester	-	NR	NR	NR	NR	-	NR	-	-	-	-	NR	-	NR	NR	NR
Clarion	-	H	L	M	H	-	-	-	L	-	-	M	H	H	M	H
Clearfield	-	H	L	-	H	-	M	L	H	-	M	L	H	H	M	M
Clinton	-	M	-	-	H	-	L	-	M	-	-	-	-	H	H	H
Columbia	-	M	L	-	H	-	L	-	L	-	L	L	-	H	L	H
Crawford	-	M	M	-	H	-	-	-	L	M	M	-	-	M	-	H
Cumberland	-	H	L	-	H	-	M	-	L	-	M	-	H	H	M	H
Dauphin	-	H	-	-	H	-	H	-	L	-	M	M	H	H	M	H
Delaware	-	M	L	-	H	L	M	-	L	L	M	L	L	M	M	H
Elk	-	M	-	-	H	-	-	-	L	-	-	-	-	M	H	H

Appendix M

County	Coastal Erosion	Drought	Earthquake	Extreme Temperatures	Flood, Flash Flood, Ice Jam	Hailstorm	Hurricane, Tropical Storm, Nor'easter	Invasive Species	Landslide	Lightning Strike	Pandemic and Infectious Disease	Radon Exposure	Subsidence, Sinkhole	Tornado, Wind Storm	Wildfire	Winter Storms
Erie	M	M	M	-	M	-	-	M	L	-	-	-	-	H	-	H
Fayette	-	M	L	-	M	-	L	-	L	-	-	-	L	H	M	M
Forest	-	M	M	-	H	-	L	H	L	M	H	H	-	M	M	H
Franklin	-	M	L	M	M	M	M	L	L	M	M	L	L	M	L	H
Fulton	-	H	L	-	H	L	-	-	L	-	-	L	L	H	L	H
Greene	-	M	M	-	H	-	H	H	H	-	H	M	L	M	M	H
Huntingdon	-	M	NR	M	H	M	M	-	L	-	M	M	L	L	L	M
Indiana	-	H	L	-	H	-	-	H	L	-	H	H	H	M	-	M
Jefferson	-	M	L	-	H	-	M	-	L	-	-	-	L	H	M	H
Juniata	-	NR	-	-	NR	-	-	NR	-	-	-	-	-	NR	NR	-
Lackawanna	-	M	M	-	H	-	-	-	L	-	-	H	L	H	M	H
Lancaster	-	M	L	-	H	-	-	-	-	-	-	H	L	H	L	M
Lawrence	-	H	M	M	H	-	L	H	L	-	M	H	-	M	M	H
Lebanon	-	M	L	M	H	-	M	-	L	-	L	M	L	L	L	M
Lehigh	-	M	L	M	H	M	-	-	L	M	-	M	-	M	M	H
Luzerne	-	H	M	-	H	-	-	-	L	-	-	L	L	-	M	H
Lycoming	-	M	L	-	H	L	-	-	-	-	-	L	L	L	M	H
McKean	-	M	L	-	H	-	-	M	L	-	-	-	L	M	H	H
Mercer	-	M	L	-	M	-	L	H	L	-	H	-	L	M	-	H
Mifflin	-	M	-	L	H	-	-	L	L	L	M	H	M	M	H	H
Monroe	-	M	L	H	L	-	H	H	-	-	H	-	-	L	H	H
Montgomery	-	H	M	H	H	L	H	-	L	M	-	H	L	M	M	H
Montour	-	H	-	-	H	-	-	M	L	-	M	H	M	M	M	H
Northampton	-	M	L	M	H	M	-	-	L	M	-	M	-	M	M	H
Northumberland	H	H	L	L	H	L	M	L	L	L	L	H	L	M	L	H
Perry	-	NR	NR	NR	NR	-	-	NR	-	-	NR	-	-	NR	-	NR

Appendix M

County	Coastal Erosion	Drought	Earthquake	Extreme Temperatures	Flood, Flash Flood, Ice Jam	Hailstorm	Hurricane, Tropical Storm, Nor'easter	Invasive Species	Landslide	Lightning Strike	Pandemic and Infectious Disease	Radon Exposure	Subsidence, Sinkhole	Tornado, Wind Storm	Wildfire	Winter Storms
Philadelphia	-	NR	-	NR	NR	-	NR	-	-	-	-	-	-	NR	NR	NR
Pike	-	H	L	-	H	-	M	-	-	-	M	-	-	M	H	H
Potter	-	M	L	-	H	L	L	M	L	H	L	H	-	M	H	H
Schuylkill	-	M	-	-	H	-	H	-	-	-	-	NR	M	L	M	H
Snyder	-	M	L	-	H	-	-	-	L	-	-	-	-	M	M	H
Somerset	-	M	L	L	H	M	M	-	-	-	M	L	L	H	H	H
Sullivan	-	M	L	L	H	-	H	-	L	L	L	H	L	M	L	H
Susquehanna	-	M	L	-	H	L	-	-	L	L	-	L	-	M	M	H
Tioga	-	M	H	H	H	-	-	M	M	-	H	H	L	M	H	H
Union	-	M	L	-	H	-	M	-	L	-	-	-	L	M	M	H
Venango	-	M	L	-	H	-	-	-	L	-	L	L	-	M	M	H
Warren	-	M	L	M	H	-	M	-	L	L	M	-	-	-	M	H
Washington	-	M	L	-	H	-	-	-	M	-	-	L	L	M	-	H
Wayne	-	L	L	-	H	-	-	-	-	-	-	-	-	-	L	H
Westmoreland	-	H	L	M	H	M	M	-	L	L	-	M	H	H	M	H
Wyoming	M	M	L	M	H	L	H	M	M	M	M	M	L	M	M	H
York	-	M	L	M	H	M	M	L	L	M	M	M	L	M	L	H
Total Low (L)	0	3	41	6	1	12	8	6	43	9	9	16	29	7	14	0
Total Medium (M)	2	41	10	15	4	8	19	8	9	10	18	12	5	30	28	6
Total High (H)	1	18	2	4	57	0	10	7	2	1	11	16	8	21	13	55
Total Profiled	3	67	57	29	67	21	40	23	55	21	39	46	43	63	59	65

Appendix M

Human-Made Hazard Rankings

County	Avalanche	Blight	Building or Structure Collapse	Civil Disturbance	Conventional/ Improvised Bombs	Cyber-terrorism	Dam Failure	Disorientation	Drowning	Environmental-Coal Mining	Environmental-Conventional Oil/ Gas Wells	Environmental-Unconventional Wells	Environmental-Hazardous Materials Releases	Environmental-Gas and Liquid Pipeline	Fuel Shortages	Levee Failure	Mass Food/Animal Feed Contamination	Nuclear Incident	Opioid Addiction Response	Solar Weather	Terrorism	Transportation Accidents	Urban Fire and Explosion	Utility Interruption	War and Criminal Activity
Adams	-	-	-	-	-	-	M	-	-	-	-	-	-	-	-	-	-	H	-	-	M	M	-	-	-
Allegheny	-	-	-	M	-	-	M	-	-	-	-	-	-	-	M	-	L	-	-	-	M	H	L	M	-
Armstrong	-	-	L	-	-	-	M	-	L	-	-	-	H	-	M	-	-	-	-	M	M	M	L	H	-
Beaver	-	-	-	L	-	-	M	-	-	-	-	-	-	-	M	-	H	-	-	M	H	M	H	H	L
Bedford	-	-	-	-	-	-	M	-	-	-	-	-	-	-	M	-	-	-	-	L	H	H	-	H	-
Berks	-	-	-	M	-	H	H	-	-	-	-	-	H	-	-	-	-	L	-	-	L	H	H	H	-
Blair	-	-	-	-	-	-	N R	-	-	-	-	-	-	-	-	N R	-	-	-	-	-	-	-	-	-
Bradford	-	-	-	L	-	-	L	-	-	-	-	-	-	M	-	-	-	L	-	-	L	H	M	H	-
Bucks	-	-	L	-	-	-	L	-	-	-	-	-	H	-	-	-	-	-	-	M	M	M	M	H	-
Butler	-	-	-	L	-	-	M	-	-	M	-	-	-	-	-	-	-	H	-	-	-	H	M	M	L
Cambria	-	-	L	-	-	-	L	-	-	-	-	-	-	-	L	-	-	-	-	-	-	M	-	M	-
Cameron	-	-	-	L	-	-	H	M	-	-	-	-	-	-	H	-	-	-	-	L	H	H	-	H	-
Carbon	-	-	L	-	-	-	M	-	-	-	-	-	-	-	M	-	M	-	-	-	-	M	-	M	-
Centre	-	-	-	L	-	-	L	-	-	-	H	H	-	-	-	-	-	L	-	-	M	M	L	M	-
Chester	-	-	-	N R	NR	N R	N R	-	-	-	-	-	NR	-	-	N R	-	N R	-	N R	-	NR	-	N R	NR
Philadelphia	-	-	NR	-	NR	-	-	-	-	-	L	-	NR	-	-	-	-	N R	-	-	N R	NR	NR	-	-
Clarion	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	L	-	-	-	-	-
Clearfield	-	-	M	-	-	-	M	L	L	-	-	-	-	-	-	-	-	-	-	-	-	M	-	-	-
Clinton	-	-	-	-	-	-	L	-	-	-	H	H	-	-	L	-	-	-	-	-	-	M	-	-	-
Columbia	-	-	-	-	-	-	M	-	-	-	M	M	-	-	L	-	M	-	-	-	-	-	-	M	-
Crawford	-	-	-	-	-	-	H	-	-	-	-	-	-	-	-	-	-	-	-	-	L	-	-	L	-

Appendix M

County	Avalanche	Blight	Building or Structure Collapse	Civil Disturbance	Conventional/ Improvised Bombs	Cyber-terrorism	Dam Failure	Disorientation	Drowning	Environmental-Coal Mining	Environmental-Conventional Oil/ Gas Wells	Environmental-Unconventional Wells	Environmental-Hazardous Materials Releases	Environmental-Gas and Liquid Pipeline	Fuel Shortages	Levee Failure	Mass Food/Animal Feed Contamination	Nuclear Incident	Opioid Addiction Response	Solar Weather	Terrorism	Transportation Accidents	Urban Fire and Explosion	Utility Interruption	War and Criminal Activity
Cumberland	-	-	-	L	-	-	M	-	-	-	-	-	-	-	L	-	M	-	-	M	M	L	M	-	
Dauphin	-	-	L	-	-	-	M	-	-	H	-	-	NR	-	-	-	-	H	-	-	L	H	-	M	-
Delaware	-	-	-	L	-	-	L	-	-	-	-	-	-	-	L	-	-	-	-	-	M	M	M	M	-
Elk	-	-	-	-	-	-	M	-	-	-	-	-	M	-	L	-	-	-	-	-	L	M	M	-	-
Erie	-	-	M	-	-	-	M	-	-	-	-	-	-	-	-	-	-	M	-	-	-	-	H	M	M
Fayette	-	-	-	-	-	-	L	-	-	-	-	-	-	-	-	L	-	L	-	-	-	-	-	-	-
Forest	-	-	-	M	-	-	H	H	-	-	-	-	-	-	-	-	-	-	-	-	-	-	H	-	H
Franklin	-	-	-	L	-	-	M	-	-	-	-	-	-	-	-	-	L	L	-	-	L	M	L	M	-
Fulton	-	-	-	-	-	-	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	H	-	-
Greene	-	-	-	-	-	-	L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	H	-	H
Huntingdon	-	-	-	M	-	-	L	-	-	-	-	-	M	M	-	-	-	L	-	-	M	M	-	NR	-
Indiana	-	-	-	M	-	-	M	-	-	-	-	-	-	-	L	-	-	-	-	-	L	H	-	H	-
Jefferson	-	-	-	-	-	-	L	-	-	-	-	-	-	-	L	-	L	-	-	-	L	M	L	H	-
Juniata	-	-	-	NR	-	-	NR	-	-	-	-	-	NR	-	-	-	-	NR	-	-	NR	NR	-	NR	-
Lackawanna	-	-	-	-	-	-	L	-	-	-	-	-	M	-	-	M	-	M	-	-	-	-	-	-	-
Lancaster	-	-	-	-	-	-	L	-	-	-	-	-	-	-	-	-	-	L	-	-	-	M	-	-	-
Lawrence	-	-	-	M	-	-	L	H	M	-	-	-	-	-	-	-	-	M	-	-	M	H	M	M	-
Lebanon	-	-	-	L	-	-	M	-	-	-	-	-	-	-	-	-	-	H	-	-	L	H	M	H	-
Lehigh	-	-	L	M	-	-	M	-	-	-	-	-	-	-	-	H	-	L	-	-	L	M	M	H	-
Northampton	-	-	L	M	-	-	M	-	-	-	-	-	-	-	-	H	-	L	-	-	L	M	M	H	-
Luzerne	-	-	-	-	-	-	L	-	-	-	-	-	M	-	-	-	-	M	-	-	-	-	-	-	-
Lycoming	-	-	-	-	-	-	M	L	-	-	-	-	-	-	-	L	-	M	-	-	L	M	-	H	-

Appendix M

County	Avalanche	Blight	Building or Structure Collapse	Civil Disturbance	Conventional/ Improvised Bombs	Cyber-terrorism	Dam Failure	Disorientation	Drowning	Environmental-Coal Mining	Environmental-Conventional Oil/ Gas Wells	Environmental-Unconventional Wells	Environmental-Hazardous Materials Releases	Environmental-Gas and Liquid Pipeline	Fuel Shortages	Levee Failure	Mass Food/Animal Feed Contamination	Nuclear Incident	Opioid Addiction Response	Solar Weather	Terrorism	Transportation Accidents	Urban Fire and Explosion	Utility Interruption	War and Criminal Activity
McKean	-	-	-	-	-	-	L	L	-	-	-	-	-	-	-	-	-	M	-	-	L	M	L	M	-
Mercer	-	-	-	-	-	-	H	-	-	-	-	-	M	-	-	-	-	M	-	-	H	H	-	H	-
Mifflin	-	-	-	L	-	-	M	-	L	-	-	-	-	-	-	-	-	-	-	-	-	M	M	M	-
Monroe	-	-	-	-	-	-	H	M	H	-	-	-	H	-	-	H	-	M	-	-	H	H	-	H	-
Montgomery	-	-	L	M	-	-	M	-	-	-	-	-	-	-	-	L	-	H	-	-	M	H	M	H	-
Montour	-	-	-	-	-	-	M	-	-	-	-	-	-	-	-	M	-	L	-	-	L	H	-	M	-
Northumberland	-	-	L	L	-	-	M	-	L	-	-	-	-	-	-	M	-	L	L	-	L	M	L	M	L
Perry	-	-	-	NR	-	-	NR	-	-	-	-	-	NR	-	-	-	-	NR	-	-	NR	NR	NR	-	NR
Pike	-	-	-	-	-	-	L	-	M	-	-	-	-	-	-	-	-	L	-	-	L	H	M	M	-
Potter	-	-	-	-	-	-	L	-	-	-	-	-	-	-	-	L	-	L	-	-	-	H	-	H	-
Schuylkill	-	H	-	-	-	-	M	-	-	M	-	-	-	-	-	-	-	H	-	-	-	M	-	-	-
Snyder	-	-	-	-	-	-	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M	-	M	-
Somerset	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	L	-	-	-	-	H	H	-	H	-
Sullivan	-	-	L	L	-	-	M	H	L	-	-	-	-	-	-	-	-	-	-	-	L	H	L	H	-
Susquehanna	-	-	-	-	-	-	M	-	-	-	-	H	-	-	-	-	-	-	-	-	-	M	-	M	-
Tioga	-	-	-	-	-	H	H	-	-	-	H	-	H	-	-	-	-	H	-	M	-	H	-	H	-
Union	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Venango	-	-	-	-	-	-	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Warren	-	-	-	-	-	-	M	M	M	-	-	-	-	-	-	M	-	-	-	-	M	M	-	M	-
Washington	-	-	-	-	-	-	M	-	-	-	H	H	-	-	-	-	-	-	-	-	-	-	-	-	-
Wayne	-	-	-	-	-	-	L	-	-	-	-	-	L	-	-	-	-	L	-	-	L	L	-	L	-
Westmoreland	L	-	-	-	-	-	L	-	-	-	-	-	-	-	-	-	-	L	-	-	L	M	-	H	-

Appendix M

County	Avalanche	Blight	Building or Structure Collapse	Civil Disturbance	Conventional/ Improvised Bombs	Cyber-terrorism	Dam Failure	Disorientation	Drowning	Environmental-Coal Mining	Environmental-Conventional Oil/ Gas Wells	Environmental-Unconventional Wells	Environmental-Hazardous Materials Releases	Environmental-Gas and Liquid Pipeline	Fuel Shortages	Levee Failure	Mass Food/Animal Feed Contamination	Nuclear Incident	Opioid Addiction Response	Solar Weather	Terrorism	Transportation Accidents	Urban Fire and Explosion	Utility Interruption	War and Criminal Activity
Wyoming	-	-	L	M	-	H	M	-	-	M	M	M	H	M	-	L	L	M	M	-	M	M	L	H	-
York	-	-	-	L	-	-	M	-	-	-	-	-	-	-	-	-	-	H	-	-	M	-	-	-	-
Total Low (L)	1	0	11	13	0	0	19	3	5	0	1	0	1	0	1	13	2	17	1	1	21	1	10	2	3
Total Medium (M)	0	0	2	10	0	0	33	3	3	3	2	2	5	3	0	9	0	12	1	1	14	27	13	20	1
Total High (H)	0	1	0	0	0	3	7	3	1	1	4	4	6	0	0	4	0	9	0	0	3	23	2	24	0
Total Profiled	1	1	14	26	2	4	63	9	9	4	7	6	17	3	1	28	2	42	2	3	41	55	27	49	6