

Appendix 1: Data Dictionary

Layer Name	Original Name	Data Type	Source
Workshop Data - Points	MapInfo_Points	Feature Layer	ODU developed dataset to capture user inputs from workshops.
Workshop Data - Lines	MapInfo_Lines	Feature Layer	ODU developed dataset to capture user inputs from workshops.
Workshop Data - Polygons	MapInfo_Polygons	Feature Layer	ODU developed dataset to capture user inputs from workshops.
VA Counties and Cities		Feature Service	ODU copy – from the Virginia Geographic Information Network (VGIN)
Hospitals	Hospitals-Virginia - Hospitals	Feature Service	Virginia Economic Development Partnership (VEDP)
Shelter Types	Shelter Population Types	Feature Service	FEMA ESF # 6 Shelter System
Wheelchair Accessible Shelters	Shelter Wheelchair Accessible	Feature Service	FEMA ESF # 6 Shelter System
Hotels and Motels		Shapefile	Database developed from Hotels and Motels listing on the Virginia.org website
Correctional Facilities	Prison_Boundaries	Feature Service	HIFLD Data Catalog. Web Service

Senior Care Facilities	Nursing Homes	Feature Service	HIFLD Data Catalog. Web Service
Port Facilities		Feature Service	Hampton Roads Geospatial Exchange Online - Web Service
Military and Supporting Sites - STRAHNET	STRAHNET Supporting Sites	Feature Service	Hampton Roads Geospatial Exchange Online - Web Service
Military and Supporting Sites - Non-STRAHNET	Non-STRAHNET Supporting Sites	Feature Service	Hampton Roads Geospatial Exchange Online - Web Service
Roadways serving the Military - STRAHNET	STRAHNET Roadways	Feature Service	Hampton Roads Geospatial Exchange Online - Web Service
Roadways serving the Military - Non-STRAHNET	Non-STRAHNET Roadways	Feature Service	Hampton Roads Geospatial Exchange Online - Web Service
Virginia Hurricane Evacuation Zones (2020 Update)		Feature Service	Hosted from the Virginia Department of Emergency Management
LIHR Evacuation Responses		Feature Layer	Shapefile created from the VA Counties and Cities layer with LIHR survey variables added into the attribution.
Florence Survey Evacuation Responses		Feature Layer	Shapefile created from the VA Counties and Cities layer with Florence survey variables added into the attribution.

LIHR Shelter Responses		Feature Layer	Shapefile created from the VA Counties and Cities layer with LIHR survey variables added into the attribution.
Florence Survey Shelter Responses		Feature Layer	Shapefile created from the VA Counties and Cities layer with Florence survey variables added into the attribution.
Overall Social Vulnerability Index (CDC SOVI 2018 Tracts)	Overall Social Vulnerability Index - Tracts	Feature Service	Accessed through ArcGIS Online content. Virginia CDC Social Vulnerability Index 2018
Housing/Transportation (CDC SOVI 2018 Tracts)	Housing/Transportation - Tracts	Feature Service	Accessed through ArcGIS Online content. Virginia CDC Social Vulnerability Index 2018
Socioeconomic (CDC SOVI 2018 Tracts)	Socioeconomic - Tracts	Feature Service	Accessed through ArcGIS Online content. Virginia CDC Social Vulnerability Index 2018
Household Composition/Disability (CDC SOVI 2018 Tracts)	Household Composition/Disability - Tracts	Feature Service	Accessed through ArcGIS Online content. Virginia CDC Social Vulnerability Index 2018
Minority/Language (CDC SOVI 2018 Tracts)	Minority/Language - Tracts	Feature Service	Accessed through ArcGIS Online content. Virginia CDC Social Vulnerability Index 2018

Vulnerable Population (VDEM ACS 2017 Tracts)	ACS 2017 Census Tracts Vulnerable Population	Feature Service	Accessed through the VDEM GIS ArcGIS Online site. Feature service located here.
Virginia Roads	Virginia Road Centerline Map Service	Map Service	Published and hosted from the Virginia Geographic Information Network (VGIN) .
Public Transportation		Map Service	Published and hosted by the Virginia Beach City GIS group. Map service located here.

Table 1: Data Dictionary

Layer Name	Original Name	Data Type	Source
Workshop Data - Points	MapInfo_Points	Feature Layer	ODU developed dataset to capture user inputs from workshops.
Workshop Data - Lines	MapInfo_Lines	Feature Layer	ODU developed dataset to capture user inputs from workshops.
Workshop Data - Polygons	MapInfo_Polygons	Feature Layer	ODU developed dataset to capture user inputs from workshops.
VA Counties and Cities		Feature Service	ODU copy – from the Virginia Geographic Information Network (VGIN)
Hospitals	Hospitals-Virginia - Hospitals	Feature Service	Virginia Economic Development Partnership (VEDP)
Shelter Types	Shelter Population Types	Feature Service	FEMA ESF # 6 Shelter System

Wheelchair Accessible Shelters	Shelter Wheelchair Accessible	Feature Service	FEMA ESF # 6 Shelter System
Hotels and Motels		Shapefile	Database developed from Hotels and Motels listing on the Virginia.org website
Correctional Facilities	Prison_Boundaries	Feature Service	HIFLD Data Catalog. Web Service
Senior Care Facilities	Nursing Homes	Feature Service	HIFLD Data Catalog. Web Service
Port Facilities		Feature Service	Hampton Roads Geospatial Exchange Online - Web Service
Military and Supporting Sites - STRAHNET	STRAHNET Supporting Sites	Feature Service	Hampton Roads Geospatial Exchange Online - Web Service
Military and Supporting Sites - Non-STRAHNET	Non-STRAHNET Supporting Sites	Feature Service	Hampton Roads Geospatial Exchange Online - Web Service
Roadways serving the Military - STRAHNET	STRAHNET Roadways	Feature Service	Hampton Roads Geospatial Exchange Online - Web Service
Roadways serving the Military - Non-STRAHNET	Non-STRAHNET Roadways	Feature Service	Hampton Roads Geospatial Exchange Online - Web Service
Virginia Hurricane Evacuation Zones (2020 Update)		Feature Service	Hosted from the Virginia Department of Emergency Management

LIHR Evacuation Responses		Feature Layer	Shapefile created from the VA Counties and Cities layer with LIHR survey variables added into the attribution.
Florence Survey Evacuation Responses		Feature Layer	Shapefile created from the VA Counties and Cities layer with Florence survey variables added into the attribution.
LIHR Shelter Responses		Feature Layer	Shapefile created from the VA Counties and Cities layer with LIHR survey variables added into the attribution.
Florence Survey Shelter Responses		Feature Layer	Shapefile created from the VA Counties and Cities layer with Florence survey variables added into the attribution.
Overall Social Vulnerability Index (CDC SOVI 2018 Tracts)	Overall Social Vulnerability Index - Tracts	Feature Service	Accessed through ArcGIS Online content. Virginia CDC Social Vulnerability Index 2018
Housing/Transportation (CDC SOVI 2018 Tracts)	Housing/Transportation - Tracts	Feature Service	Accessed through ArcGIS Online content. Virginia CDC Social Vulnerability Index 2018
Socioeconomic (CDC SOVI 2018 Tracts)	Socioeconomic - Tracts	Feature Service	Accessed through ArcGIS Online content. Virginia CDC Social Vulnerability Index 2018
Household Composition/Disability (CDC SOVI 2018 Tracts)	Household Composition/Disability - Tracts	Feature Service	Accessed through ArcGIS Online content. Virginia CDC Social Vulnerability Index 2018

Minority/Language (CDC SOVI 2018 Tracts)	Minority/Language - Tracts	Feature Service	Accessed through ArcGIS Online content. Virginia_CDC_Social_Vulnerability_Index_2018
Vulnerable Population (VDEM ACS 2017 Tracts)	ACS 2017 Census Tracts Vulnerable Population	Feature Service	Accessed through the VDEM GIS ArcGIS Online site. Feature service located here.
Virginia Roads	Virginia Road Centerline Map Service	Map Service	Published and hosted from the Virginia Geographic Information Network (VGIN).
Public Transportation		Map Service	Published and hosted by the Virginia Beach City GIS group. Map service located here.