

Economic Impact Risks of Climate Change to  
Ports, Harbors & Marinas

Infrastructure Damage or Replacement Costs-Toledo Harbor:

<u>Dock Name</u>	<u>Const Code</u>	<u>Total Berthing(ft)</u>	<u>Depth Ht Code</u>	<u>Total Repair Costs</u>	<u>Total New Costs</u>
ADM/COUNTRYMARK TOLEDO ELEVATOR WHARF.	I-1	990	36' D'	\$3,326,400.00	\$5,247,000.00
ADM/COUNTRYMARK TOLEDO ELEVATOR WHARF.	I-4	800	36' D'	\$2,688,000.00	\$4,240,000.00
ANDERSONS TOLEDO EDWIN DRIVE ELEVATOR DOCK.	I-1	730	36' D'	\$2,452,800.00	\$3,869,000.00
ANDERSONS TOLEDO KUHLMAN DRIVE TERMINAL WHARF.	I-1	1100	36'-42' D	\$3,696,000.00	\$5,830,000.00
ARMS/CRISCIONE GRAIN CO. WHARF.	I-1	900	38' D	\$3,024,000.00	\$4,770,000.00
BP OIL CO TOLEDO REFINERY MARINE DOCK.	I-1	1108	28.5'-29.5' D	\$2,991,600.00	\$4,764,400.00
CITY OF TOLEDO MOORING BASIN.	I-1	2070	15' M	\$2,898,000.00	\$3,519,000.00
CITY OF TOLEDO SALT WHARF.	I-7	1280	22' M	\$1,280,000.00	\$3,584,000.00
CITY OF TOLEDO NAVAL ARMORY WHARF.	I-1	457	18" M	\$822,600.00	\$1,371,000.00
INTERNATIONAL PARK LOWER MOORING WHARVES.	I-5	1127	24'-25' M	\$2,704,800.00	\$4,846,100.00
CITY OF TOLEDO, INTERNATIONAL PARK UPPER MOORING WHARF.	I-5	2807	24'-37' M-D	\$7,859,600.00	\$11,789,400.00
CLARK REFINING CO WHARF.	I-1	527	28' D	\$1,317,500.00	\$1,844,500.00
H HANSEN INDUSTRIES SLIP.	I-1	911	17'-18' M	\$1,639,800.00	\$2,733,000.00
HARBOR LIGHT CRUISE LINES DOCK.	I-5	24	6'-14' S-M	\$32,400.00	\$57,600.00
KUHLMAN CORP., UPPER DOCK.	3 of E-9	340	32' D	\$9,000.00	\$36,000.00
KUHLMAN CORP., YARD NO. 1 DOCK.	5(?) of E-9	495	9'-24' S-M	\$7,500.00	\$50,000.00

Economic Impact Risks of Climate Change to  
Ports, Harbors & Marinas

Infrastructure Damage or Replacement Costs-Toledo Harbor:

<u>Dock Name</u>	<u>Const Code</u>	<u>Total Berthing(ft)</u>	<u>Depth Ht Code</u>	<u>Total Repair Costs</u>	<u>Total New Costs</u>
LAFARGE CEMENT TOLEDO TERMINAL WHARF.	I-1	531	26'-35' D	\$1,486,800.00	\$2,283,300.00
LAFARGE CEMENT TOLEDO TERMINAL WHARF.	I-7	530	26'-35' D	\$636,000.00	\$1,696,000.00
NABISCO TOLEDO FLOUR MILL WHARF.	I-1	43	25' M	\$107,500.00	\$141,900.00
NABISCO TOLEDO FLOUR MILL WHARF.	I-7	42	25' M	\$33,600.00	\$109,200.00
SENECA PETROLUM CO EDISON ACME STATION SLIP.	20(?) of I-9	200	29'-30' D	\$10,000.00	\$10,000.00
ST. MARYS CEMENT, TOLEDO PLANT DOCK.	I-7	900	29' D	\$990,000.00	\$3,060,000.00
SUNOCO MID-AMERICA REFINING CO.; DOWNSTREAM HOCKING VALLEY PIER SLIP.	I-7	1895	25'-37' M-D	\$2,700,375.00	\$7,580,000.00
SUNOCO MID-AMERICA REFINING CO.; UPSTREAM HOCKING VALLEY PIER SLIP.	I-7	1836	30'-39' D	\$2,616,300.00	\$7,344,000.00
TOLEDO HARBOR WAREHOUSING CORP WHARF.	E-6	750	30' D	\$2,250,000.00	\$3,375,000.00
TOLEDO SHIP REPAIR CO.; LOWER MOORING DOCK.	I-7	1727	30'-32' D	\$2,072,400.00	\$6,044,500.00
TOLEDO SHIP REPAIR CO.; SHIPYARD DOCK.	I-7	900	27' D	\$900,000.00	\$2,610,000.00
TOLEDO SHIP REPAIR CO.; SHIPYARD SLIP.	I-1	838	23' D	\$2,262,600.00	\$3,352,000.00
TOLEDO-LUCAS COUNTY PORT AUTH. FACILITY NO. 1 WHARF.	I-1	4196	38' D	\$13,846,800.00	\$18,042,800.00
U.S. COAST GUARD TOLEDO STATION WHARF.	I-1	430	25' M	\$1,634,000.00	\$1,677,000.00
WOHLLEB-SOCIE SLIP.	I-1	965	14' M	\$1,302,750.00	\$2,316,000.00
<b>GRAND TOTALS:</b>				<b>\$69,599,125.00</b>	<b>\$118,192,700.00</b>