

Table 18.04-- CONDITION OF BRIDGES: 2005 TO 2010

Area	Number of bridges	Deficient and obsolete					
		Total		Structurally deficient 1/		Functionally obsolete 2/	
		Number	Percent	Number	Percent	Number	Percent
2005							
U.S.	594,616	156,177	26.3	75,871	12.8	80,306	13.5
Hawaii	1,104	514	46.6	160	14.5	354	32.1
2006							
U.S.	596,842	153,990	25.8	73,764	12.4	80,226	13.4
Hawaii	1,110	513	46.2	156	14.1	357	32.2
2007							
U.S.	599,766	152,316	25.4	72,524	12.1	79,792	13.3
Hawaii	1,115	500	44.8	142	12.7	358	32.1
2008							
U.S.	601,411	151,391	25.2	71,469	11.9	79,922	13.3
Hawaii	1,120	487	43.5	136	12.1	351	31.3
2009							
U.S.	603,245	149,647	24.8	71,179	11.8	78,468	13.0
Hawaii	1,133	493	43.5	144	12.7	349	30.8
2010							
U.S.	604,474	146,633	24.3	69,223	11.5	77,410	12.8
Hawaii	1,137	507	44.6	141	12.4	366	32.2

1/ Bridges are structurally deficient if they have been restricted to light vehicles, require immediate rehabilitation to remain open, or are closed.

2/ Bridges are functionally obsolete if they have deck geometry, load carrying capacity, clearance or approach roadway alignment that no longer meet the criteria for the system of which the bridge is a part.

Source: U.S. Department of Transportation, Federal Highway Administration, Structures, Deficient Bridges by State and Highway System <<http://www.fhwa.dot.gov/bridge/deficient.cfm>> accessed April 11, 2011; calculations by the Hawaii State Department of Business, Economic Development & Tourism.