

HIGHWAY STATISTICS

2011 STANDARD SAMPLES REVIEW

The existing software HPMS V8.0 does not yet have the capability to delete the samples, run the sample adequacy test, and restore the data when required. We have reviewed and analyzed the HPMS sample requirements for HPMS 2011.

Using HPMS V8.0 and our micro analysis, it was found that there are at least 10% excess samples in the Urban, Urbanized, Small Urban, and Rural areas.

After using the TOPS HPMS Software Sampling, adding new samples and deleting some old ones, there was net decline of 49 samples in 2011.

The 2011 universe comprises 6,358 miles of public roadways in Delaware.

The annual changes in Standard Samples are presented below:

2011 Change in Standard Samples

| Year | Samples | Change |
|-------------|----------------|---------------|
| 2000 | 587 | |
| 2001 | 621 | 34 |
| 2002 | 628 | 7 |
| 2003 | 643 | 15 |
| 2004 | 733 | 90 |
| 2005 | 658 | (75) |
| 2006 | 643 | (15) |
| 2007 | 638 | (5) |
| 2008 | 615 | (23) |
| 2009 | 620 | 5 |
| 2010 | 648 | 28 |
| 2011 | 599 | (49) |

The recent economic crisis, globalization and lack of consumer spending, has impacted key sectors of Delaware's economic activity base, namely – banking, manufacturing and construction, and retail.

In the New Castle County and the Wilmington Urbanized Area (including a part of Philadelphia Area), the unemployment rate is above 9%. Employment in the banking sector has substantially diminished. General Motors and Chrysler plants, which operated in three shifts, are closed. Port facilities are working at less than 50% of their capacity.

In the Dover Urban Area, some of the major retail chain stores, like Value City, have filed for bankruptcy and the buildings are vacant. Bank of America has relocated and off-shored their credit card call centers, which were situated in the Silver Lake Office Park and the Blue Hen Corporate Center. The Super Fresh and Metro grocery stores have closed their doors and buildings are still vacant.

In Sussex County's Seaford Small Urban Area, the DuPont Nylon plant has relocated.

The DAILY Vehicle Miles of Travel (DVMT) of the State peaked in 2005 at 25,989.69. In 2011, the DVMT is 24,734,719 is still 5% less than 2005.

DeIDOT also uses the HPMS sampling data for various studies, like planning for capital improvements, environmental studies and congestion management. Our HPMS Samples will continue to be more than the minimum required by the guidelines.



Cape May Lewes Ferry