## State of Maryland

|  | Land Use in Acres |  | Land Use Change |  |  | Land Use in Acres |  |  | $\begin{aligned} & \text { Land Use } \\ & \text { Change } \\ & 1973-2010 \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $2002{ }^{3}$ | $2010^{2}$ | 2002-2010 |  |  |  |  |  |  |
|  | Acres | Acres | Acres | Percent |  | $1973{ }^{4}$ | $2002{ }^{3}$ | $2010^{1,2}$ |  |
| Very Low Density Residential ${ }^{1}$ | 283,741 | 311,037 | 27,296 | 9.6\% |  |  |  |  | Acres |
| Low Density Residential | 524,736 | 567,966 | 43,230 | 8.2\% | All Residential | 434,513 | 1,184,305 | 1,280,491 | 845,978 |
| Medium Density Residential | 287,143 | 305,281 | 18,138 | 6.3\% | All Non-Residential | 220,027 | 351,954 | 383,747 | 163,720 |
| High Density Residential | 88,685 | 96,206 | 7,522 | 8.5\% |  |  |  |  |  |
| Commercial | 87,933 | 98,714 | 10,781 | 12.3\% | Total Developed Lands ${ }^{5}$ | 654,540 | 1,536,259 | 1,664,238 | 1,009,698 |
| Industrial | 57,130 | 62,382 | 5,253 | 9.2\% |  |  |  |  |  |
| Other Developed Lands/ Institutional/Transportation ${ }^{1}$ | 206,892 | 222,651 | 15,759 | 7.6\% | Total Resource Lands ${ }^{5}$ | 5,590,773 | 4,705,166 | 4,577,187 | -1,013,586 |
| Total Developed Lands ${ }^{5}$ | 1,536,259 | 1,664,238 | 127,979 | 8.3\% |  |  |  |  |  |
|  |  |  |  |  | Water | 1,681,379 | 1,685,265 | 1,685,265 |  |
| Agriculture | 1,971,969 | 1,908,887 | -63,082 | -3.2\% |  |  |  |  |  |
| Forest | 2,489,680 | 2,418,478 | -71,202 | -2.9\% |  |  |  |  |  |
| Extractive/Barren/Bare | 13,296 | 19,522 | 6,226 | 46.8\% |  |  |  |  |  |
| Wetland | 230,221 | 230,300 | 78 | 0.0\% |  |  |  |  |  |
| Total Resource Lands ${ }^{5}$ | 4,705,166 | 4,577,187 | -127,979 | -2.7\% |  |  |  |  |  |
| Total Land | 6,241,425 | 6,241,425 |  |  |  |  |  |  |  |
| Water | 1,685,265 | 1,685,265 |  |  |  |  |  |  |  |

Land Use Change 1973-2010

1.Two new categories have been added to the 2010 Land Use/Land Cover layer update; very low density residential development $(191,192)$ and transportation ( 80 ).
2.Updates/modifications to the 2010 land use/land cover layers used the 2007 NAIP aerial imagery and parcel information from Maryland Property View 2008.
3.The original 2002 data were mapped using geo-rectified LANDSAT satellite imagery and 2000 MD Property View. In 2010 two new land use categories were added, transportation and very low density residential making it necessary to modify the 2002 land use/land cover layer to incorporate these categories for comparative purposes. Additionally, better imagery and property data information were used to make further modifications. The enhanced 2002 dataset is available upon request.
4.Very low density residential was not mapped in 1973 , so there is no data associated with changes. Transportation was not mapped in 1973.
5. As noted above, new land use categories were added in 2010 and associated adjustments were made to 2002 data. Similar adjustments were not made to 1973 data, making it impossible to know how much change from 1973 is due to new development since then, versus misclassified land uses at that time. For these reasons, we suggest reliance only on change statistics for the aggregate land use categories, Total Developed and Total Resource Lands


