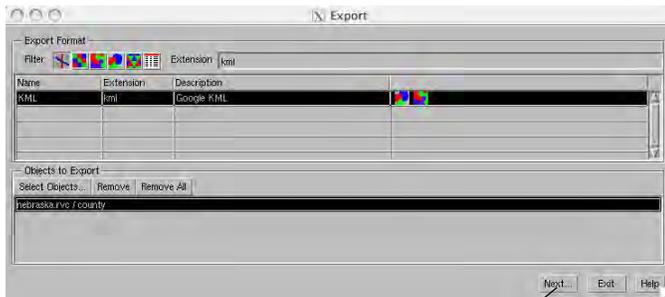


Export

Geometric Objects to KML

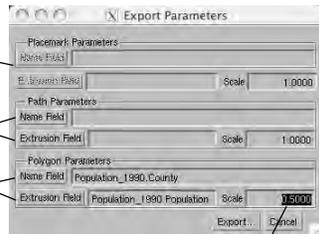
The TNTmips Export process converts the elements in internal geometric objects (vector or CAD) or in linked formats (SHAPEFILE, DXF, DGN, DWG, TAB) into the Keyhole Markup Language (KML) file for use in Google Earth and Google Maps. A single attribute table associated with each type of element can also be exported (for the objects' points, lines, and/or polygons). If the object has a relational table attribute structure you can use computed fields or the other database management tools in your TNT product to prepare the appropriate flat attribute table before using export. Any attribute of the element type in any table can also be selected to set the extrusion height (Z value) for the elements when they are viewed in Google Earth.



Click on the Next button to open the Export Parameters window.

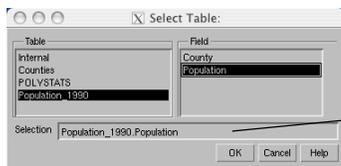
The Placemark panel is not active since the input object does not contain any point elements.

Click on any of these buttons to select a field from an attribute table using the Select Table dialogue.



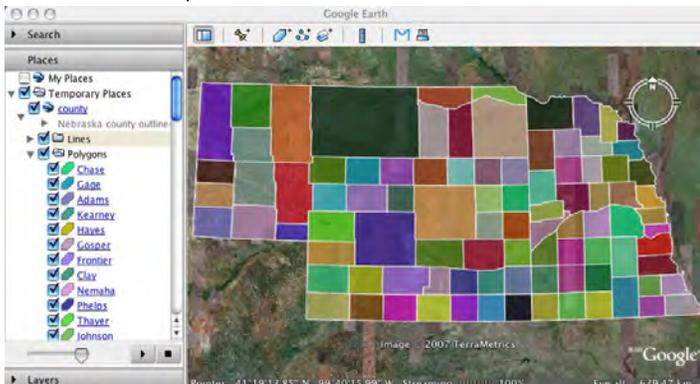
Enter the desired value to use as a constant multiplier for the values in the Extrusion field.

The Population field from the Population_1990 database table is selected for extrusion.

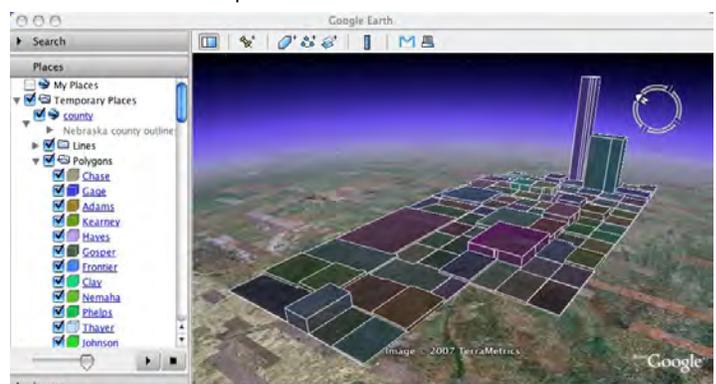


When the KML file created from a geometric object is displayed in the Google Earth, the name and description of the object are listed under the Temporary Places folder on the Places panel of Google Earth. You need to expand the object name on this panel to view all element types in the KML file. The elements are listed with the value of the table.field you selected during the export process. When you click on the field value of any element, you can view the records from other fields in that table. The display styles defined in TNTmips are not exported to the KML file. The polygon and line elements are displayed with random styles and transparency in Google Earth. You can change these styles using Google Earth's style assignment tools and save them in your KML file.

KML exported without extrusion feature



KML exported with extrusion feature



The illustrations above show two KML files exported from the same vector data containing Nebraska counties as polygon elements. The county names listed for each polygon on the Places panel of Google Earth were specified as Name Field during the export process. The illustration at the left shows the KML file exported without specifying an Extrusion Field for polygons. The illustration at the right shows the KML file exported by specifying an Extrusion Field representing county populations from a population database field. The population values were also multiplied by a scale factor of 0.5 during the export process to get a more comparable 3D visualization for the population differences between the counties in Google Earth.