



# Shape File Fractions of County Emissions for Rail and Commercial Marine Vessels



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U.S. Environmental Protection Agency  
Office of Air Quality Planning and Standards  
Air Quality Assessment Division  
Research Triangle Park, NC

November 9, 2015: Readme

### Shape File Fractions of County Emissions for Rail and Commercial Marine

EPA is providing an MS Access database includes tables for all US counties and shapeIDs for 1) Rail SCCs 2285002006 and 2285002007, and 2) Commercial Marine SCCs 2280002100, 2280002200, 2280003100, and 2280003200. For each SCC, the ShapeFraction value is based on EPA's 2014 estimates for these categories. State/Local agencies can use these fractions to parse county-based emissions to shapesIDs. Doing so will insure that agency emissions will populate the same shapeIDs as EPA data and will not cause double counting of EPA and agency emissions in the NEI selection process. **Agencies should use a value of zero emissions in any county/shapeID where they do not want EPA estimates to be added to agency emissions in the merge of EPA and agency data.** Contact Laurel Driver at 919.541.2859 or driver.laurel@epa.gov if you have questions.

Note that the CMV shape fractions are new for 2014, and include shapes that are new for this base year. The rail shape fractions are unchanged from 2011, because, to date, EPA has not updated rail emissions or shapes due to resource constraints.

### GIS Shapefiles

The GIS shape files that correspond to the shape IDs have been posted.

### CMV Emission Types

Emission types are required with CMV emissions submittals. The following table identifies allowed versus default (for use when actual emission type is unknown).

SCC	Allowed	DefaultEmisType
2280002100	M	M
2280002200	C	C
2280003100	M	H
2280003200	Z	C
2280003100	H	H
2280003200	C	C

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United States  
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Agency

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