



# MapInfo® *Routing JServer™*

*v3.0 United States Data Documentation*



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# U.S. Routing Data Contents

# 1

## Data Source and Vintage

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The MapInfo Routing J Server 3.0 is based on data from Geographic Data Technology (GDT) Dynamap<sup>®</sup>/Transportation version 5.0(January 2003).

The new data contains a limited Canadian network from the North American Transportation Database (NORTAD 1998), U.S. Dept. of Transportation. This network allows you to take logical paths across Canada when it makes sense (e.g. Alaska to Seattle, Buffalo to Detroit, etc.).

## Routing Data File Size

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This table contains the layout of states and the size of each file for street-level data.

| State | State Name           | Dataset   | Size (MB) |
|-------|----------------------|-----------|-----------|
| AK    | Alaska               | Pacific   | 3         |
| AL    | Alabama              | South     | 25        |
| AR    | Arkansas             | South     | 20        |
| AZ    | Arizona              | Central   | 26        |
| CA    | California           | Pacific   | 92        |
| CO    | Colorado             | Central   | 27        |
| CT    | Connecticut          | NorthEast | 8         |
| DC    | District of Columbia | NorthEast | 1         |
| DE    | Delaware             | NorthEast | 2         |
| FL    | Florida              | South     | 53        |
| GA    | Georgia              | South     | 35        |
| HI    | Hawaii               | Pacific   | 2         |
| IA    | Iowa                 | MidWest   | 15        |
| ID    | Idaho                | Central   | 17        |
| IL    | Illinois             | MidWest   | 35        |

| State | State Name     | Dataset   | Size (MB) |
|-------|----------------|-----------|-----------|
| IN    | Indiana        | MidWest   | 22        |
| KS    | Kansas         | Central   | 20        |
| KY    | Kentucky       | MidWest   | 22        |
| LA    | Louisiana      | South     | 17        |
| MA    | Massachusetts  | NorthEast | 19        |
| MD    | Maryland       | NorthEast | 15        |
| ME    | Maine          | NorthEast | 5         |
| MI    | Michigan       | MidWest   | 32        |
| MN    | Minnesota      | MidWest   | 24        |
| MO    | Missouri       | MidWest   | 32        |
| MS    | Mississippi    | South     | 16        |
| MT    | Montana        | Central   | 23        |
| NC    | North Carolina | South     | 39        |
| ND    | North Dakota   | Central   | 10        |
| NE    | Nebraska       | Central   | 15        |
| NH    | New Hampshire  | NorthEast | 7         |
| NJ    | New Jersey     | NorthEast | 19        |
| NM    | New Mexico     | Central   | 24        |
| NV    | Nevada         | Pacific   | 14        |
| NY    | New York       | NorthEast | 40        |
| OH    | Ohio           | MidWest   | 32        |
| OK    | Oklahoma       | Central   | 22        |
| OR    | Oregon         | Pacific   | 31        |
| PA    | Pennsylvania   | NorthEast | 51        |
| RI    | Rhode Island   | NorthEast | 3         |
| SC    | South Carolina | South     | 27        |
| SD    | South Dakota   | Central   | 11        |
| TN    | Tennessee      | South     | 29        |
| TX    | Texas          | Central   | 117       |
| UT    | Utah           | Central   | 14        |
| VA    | Virginia       | NorthEast | 29        |
| VT    | Vermont        | NorthEast | 5         |

| State | State Name    | Dataset   | Size (MB) |
|-------|---------------|-----------|-----------|
| WA    | Washington    | Pacific   | 30        |
| WI    | Wisconsin     | MidWest   | 23        |
| WV    | West Virginia | NorthEast | 12        |
| WY    | Wyoming       | Central   | 16        |
| PR    | Puerto Rico   | South     | 9         |

## Dataset Distribution

This section contains information on what states and files are contained in each dataset.

### Central

| Entity            | Size (MB)  |
|-------------------|------------|
| Central Highways  | 23         |
| StreetName File   | 8          |
| AZ Street Files   | 26         |
| CO Street Files   | 27         |
| ID Street Files   | 17         |
| KS Street Files   | 20         |
| MT Street Files   | 23         |
| ND Street Files   | 10         |
| NE Street Files   | 15         |
| NM Street Files   | 24         |
| OK Street Files   | 22         |
| SD Street Files   | 11         |
| TX Street Files   | 117        |
| UT Street Files   | 14         |
| WY Street Files   | 16         |
| <b>Total Size</b> | <b>373</b> |

## MidWest

| Entity            | Size (MB)  |
|-------------------|------------|
| Midwest Highways  | 25         |
| StreetName File   | 9          |
| IA                | 15         |
| IL                | 35         |
| IN                | 22         |
| KY                | 22         |
| MI                | 32         |
| MN                | 24         |
| MO                | 32         |
| OH                | 32         |
| WI                | 23         |
| <b>Total Size</b> | <b>271</b> |

## NorthEast

| Entity              | Size (MB) |
|---------------------|-----------|
| North East Highways | 25        |
| StreetName File     | 8         |
| CT                  | 8         |
| DC                  | 1         |
| DE                  | 2         |
| MA                  | 19        |
| MD                  | 15        |
| ME                  | 5         |
| NH                  | 7         |
| NJ                  | 19        |
| NY                  | 40        |
| PA                  | 51        |
| RI                  | 3         |
| VA                  | 29        |
| VT                  | 5         |

| Entity            | Size (MB)  |
|-------------------|------------|
| WV                | 12         |
| <b>Total Size</b> | <b>249</b> |

## Pacific

| Entity            | Size (MB)  |
|-------------------|------------|
| Pacific Highways  | 16         |
| StreetName File   | 7          |
| AK                | 3          |
| CA                | 92         |
| HI                | 2          |
| NV                | 14         |
| OR                | 31         |
| WA                | 30         |
| <b>Total Size</b> | <b>195</b> |

## South

| Entity            | Size (MB)  |
|-------------------|------------|
| South Highways    | 24         |
| StreetName File   | 12         |
| AL                | 25         |
| AR                | 20         |
| FL                | 53         |
| GA                | 35         |
| LA                | 17         |
| MS                | 16         |
| NC                | 39         |
| PR                | 9          |
| SC                | 27         |
| TN                | 29         |
| <b>Total Size</b> | <b>306</b> |



## File Types

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Each dataset contains the following types of files.

| Type                    | Extension    | Description   |
|-------------------------|--------------|---|
| Street Name file        | .st          | Contains a list of all the street names for the dataset.  |
| Map file                | .rmf         | Contains the data associated with arcs and nodes in the dataset.  |
| Index file              | .mnd or .rnd | An index into the map file. An index has a ".mnd" extension if it is part of the minor road network and a ".rnd" extension if it is a RAM map. Each dataset must contain at least one index file with a ".rnd" extension. |
| Road Type Defaults file | .rtd         | Contains the default speeds for each road type. Each dataset must contain this file.  |
| Dataset Descriptor file | .xml         | Contains information about the dataset. Must conform to the DatasetDescriptor.dtd.  |

## Installing Routing Data

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Refer to the following sections for full or partial data installation instructions.

### Full Data Installation

Copy the contents of the data CDs and preserve the directory structure on the CDs. The datasets cannot be copied into one directory, each dataset must be kept in its own directory. Routing J Server is a file reading intensive service. To enhance performance, we recommend installing data on a separate, stand-alone hard drive.

### Partial Data Installation

To install your routing data, copy the appropriate dataset(s) from the appropriate CDs. For example, to have the Routing J Server set up for New York, New Jersey, and Connecticut, copy the NorthEast directory.