

## Data Sources

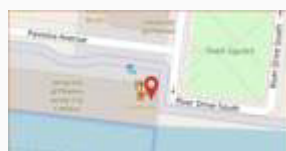
TRANSVIEW gathers data from a variety of public and private sources and fuses them into a single feed using a tool known as the **TRANSVIEW Data Fusion Engine**.

### Data Source Comparison Tool:

allows a user to compare travel times along a segment of roadway separated by data source.



The data source comparison tool displays all, or selected, data sources for a single section of roadway on a graph, allowing users to easily compare sources. The data can be downloaded in a variety of formats for planning or performance analysis.



View travel times by data source side-by-side in the Data Source Comparison grid view.

Graph Grid

Trip: GB - (EB) NJ Side to NY Side (From Brunswick Ave to South Ave/1-278)

Free Flow TT: 3:47 (mm:ss) Trip Length: 2.84 (miles)

Date/Time: 03/15/2016 08:21:00 - 03/15/2016 09:21:00

Date Time	Navteq TT (LinkCal) (mm:ss)	Navteq TT (DB) (mm:ss)	Bluetoad TT(LinkCal) (mm:ss)	Bluetoad TT(DB) (mm:ss)	Inrix TT (LinkCal) (mm:ss)	Inrix TT (DB) (mm:ss)	XMIT TT (LinkCal) (mm:ss)	XMIT TT (DB) (mm:ss)	Sensys TT (LinkCal) (mm:ss)	Sensys TT (DB) (mm:ss)	XCM DFE TT(LinkCal) (mm:ss)	XCM DFE TT(DB) (mm:ss)	XCM DFE TT2(LinkCal) (mm:ss)	XCM DFE TT2(DB) (mm:ss)
03/15/2016 08:22:00	6:52	6:19	00:00	00:00	6:34	6:34	9:47	9:47	00:00	00:00	9:47	9:47	9:47	10:18
03/15/2016 08:24:00	6:19	5:47	00:00	00:00	7:31	7:31	11:02	11:02	00:00	00:00	11:02	11:02	11:02	11:32
03/15/2016 08:26:00	5:47	5:40	00:00	00:00	5:16	5:14	11:04	11:04	00:00	00:00	11:04	11:04	11:04	11:39
03/15/2016 08:28:00	5:40	5:36	00:00	00:00	5:14	3:30	11:08	12:04	00:00	00:00	11:08	12:04	11:08	12:04
03/15/2016 08:30:00	5:36	5:30	00:00	00:00	3:13	3:13	10:36	10:36	00:00	00:00	10:36	10:36	10:36	11:11
03/15/2016 08:32:00	5:30	5:16	00:00	00:00	3:13	3:13	8:11	8:11	00:00	00:00	8:11	8:11	8:11	8:33
03/15/2016 08:34:00	5:16	5:15	00:00	00:00	3:13	3:13	7:13	7:13	00:00	00:00	7:13	7:13	7:13	7:27
03/15/2016 08:36:00	5:15	5:07	00:00	00:00	3:04	3:01	7:13	7:13	00:00	00:00	7:13	7:13	7:13	7:27
03/15/2016 08:38:00	5:07	4:33	00:00	00:00	3:01	2:29	6:22	6:22	00:00	00:00	6:22	6:22	6:22	6:44
03/15/2016 08:40:00	4:33	4:31	00:00	00:00	2:27	1:40	6:22	6:22	00:00	00:00	6:22	6:22	6:22	6:44

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## Public data sources include:

- XMIT TT: TRANSMIT readers using RFID technology
- Sensys TT: Sensys in-pavement sensors
- Bluetoad TT: Detectors that capture anonymized MAC addresses
- XCM DFE TT: Taken from the TRANSVIEW Data Fusion Engine, which fuses data gathered by TRANSVIEW member agencies into a single, reliable feed.

## Private data sources include:

- Navteq: Now known as HERE, travel times based on historical data gathered from GPS devices
- Inrix: Real time travel times based on GPS data

Note that private data sources are restricted to TRANSVIEW member agencies and cannot be released to the public.

