

# Getting Interstate Hourly Traffic Data From the MIP

Presented by:

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# Interstate Traffic Data

- Where does the data come from?
- What data is available?
- How do I get it?
- What does the report tell me?



# Where does the data come from?

- Short term counts - .PRN files

```
000000105276 000097001211 01 1245 102708 1400 103008 0060 02 1 100      80210
0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 10000000
'
      'INTERSTATE      'ON I-64 004 RAMP B 100'NE OF GRIFFIN RD
02 15      0001 0002 0003 0004 0005 0006 0007 0008 0009 0010 0011 0012 0013 0014 0015
00 00
00 00
00 00 1 1300 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000
00 00 1 1400 0000 0008 0006 0000 0000 0000 0003 0000 0012 0001 0000 0001 0000 0000 0000
00 00 1 1500 0001 0011 0006 0000 0002 0001 0000 0002 0019 0001 0000 0000 0000 0000 0000
00 00 1 1600 0001 0012 0011 0000 0001 0000 0003 0000 0026 0001 0000 0002 0000 0000 0000
00 00 1 1700 0000 0013 0015 0000 0001 0001 0002 0000 0013 0000 0000 0000 0000 0000 0000
00 00 1 1800 0000 0013 0018 0000 0000 0000 0000 0001 0009 0000 0000 0001 0000 0000 0000
00 00 1 1900 0001 0013 0010 0000 0000 0000 0000 0000 0008 0000 0000 0000 0000 0000 0000
00 00 1 2000 0000 0009 0005 0000 0000 0000 0000 0001 0004 0000 0000 0001 0000 0000 0000
00 00 1 2100 0000 0001 0005 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000
```

- Continuous count sites (ATR/WIM)
- Gathered in database with more than 2 million records



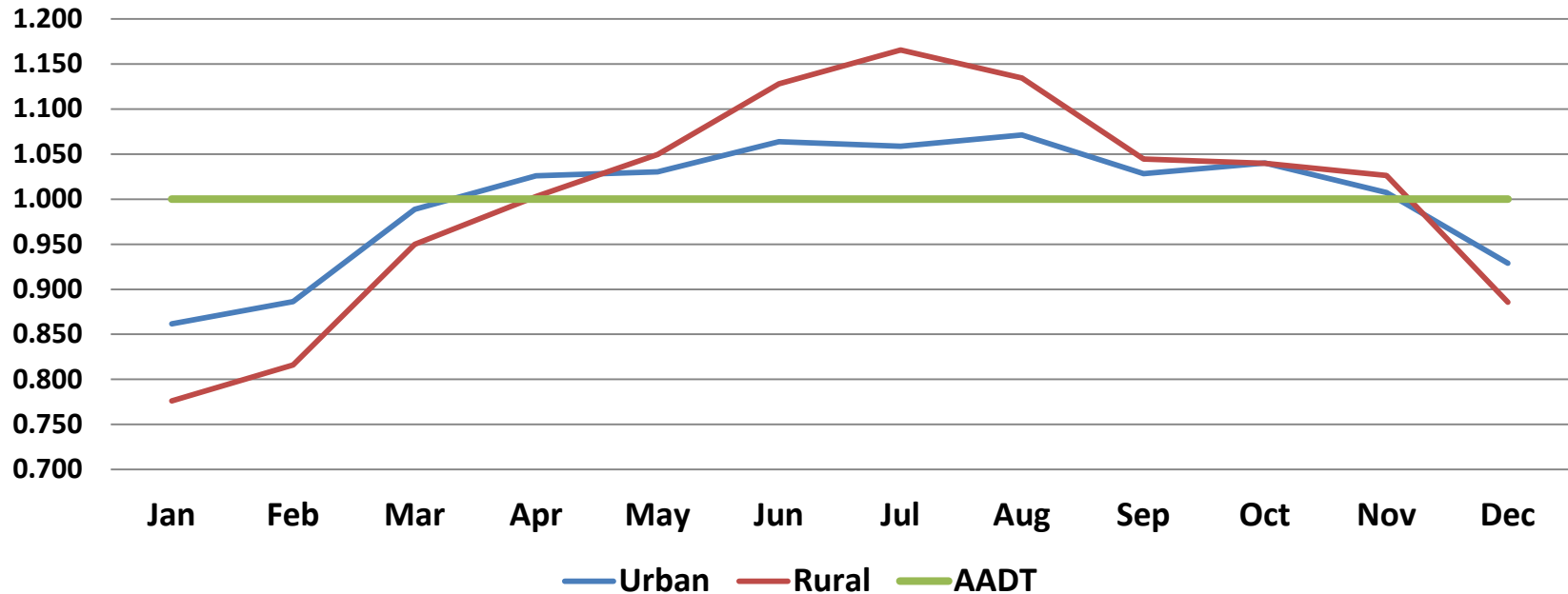
# What Data is Available?

- Hourly Traffic Volumes
- Directional Totals
- Cars and Trucks (FHWA Class 1-3, 4-13)
- Adjusted Passenger Car Equivalent Totals
- Seasonally Adjusted
- Growth Factors applied to give 2010 data



# A word about Seasonal Adjustment

## 2010 Traffic Trends



Seasonal Adjustment Factors are applied to counts collected in a given month to calculate the Annual Average Daily Traffic.



# How Do I Get the Data?

Go to the "Traffic" tab on the Management Information Portal

The screenshot shows the Indiana Department of Transportation Management Information Portal. The page features a navigation menu with tabs for Project Search, Construction Contract Search, Project Detail, and Project Management. Below these are search filters and a 'Traffic' tab highlighted with a yellow arrow. The page also includes a 'State Highway Program Design Production and Letting Reports' section and a 'Management View by Fiscal Year (Exe3)' section. A 'Traffic' tab is highlighted in the bottom right corner of the page.

Indiana Department Of Transportation  
Management Information Portal

Management Information Portal (MIP) draws most data from the Data Warehouse (DW), which is updated before the start of business every day. If you need more current information or need help with MIP features, please open a ticket at <http://intranet.indot.state.in.us/bits/helpdeskin.htm>.

Project Search | Construction Contract Search | Project Detail | Project Management

By Criteria | By Criteria - Advanced | Project Search by DES:  Submit | MyProjects | Late Report  
By Map | By Funding Program | Full Project Listing by DES:  Submit | SPMS - My Tasks | eVideoLog  
GeoMIP | By Activity | Link to "My Tasks" utility.

Executive | Districts | Consulting Services | Letting | Construction | Operations | Budget | Data Analysis | LPA | Performance Metrics | ARS | Traffic

State Highway Program Design Production and Letting Reports

[Management View by Fiscal Year \(Exe3\)](#)  
Business Purpose : To show performance in design production & related construction awards against management plan.

[Performance Against Plan Summary \(Exe4\)](#)  
Business Purpose: To show performance in design production and related contract construction award against management plan.

Trusted site

Traffic



# How Do I Get the Data?

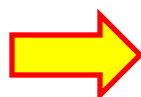
Select the type of data you're interested in,  
Weekday or Weekend

Executive

Districts

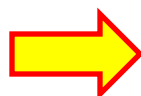
Consulting Services

Letting



## Weekday Interstate Hourly Traffic Data

INTERSTATE HOURLY TRAFFIC DATA Business Purpose: Provide the most current applications for waivers from the Interstate Lane Closure Policy.



## Weekend Interstate Hourly Traffic Data

Business Purpose: Provide the most current Weekend hourly Interstate Traffic Closure Policy.



## List of Interstate Count Stations

Business Purpose: Provide a listing of Count Stations to facilitate determining



# How Do I Get the Data?

Determine the Site Id you are interested in.

## Available Resources

- List of Short Term Interstate Count Stations

Route	Preceding Exit	Preceding_Cross_Road	Subsequent Exit	Subsequent_Cros_Road	WEEKDAY STATION	WEEKEND STATION
I 64	Begin	Illinois State Line	4	Griffin Road	970010	970030
I 64	4	Griffin Road	12	SR 165	970020	970030
I 64	12	SR 165	18	SR 65	970030	970030
I 64	18	SR 65	25	US 41	970040	970030
I 64	25	US 41	29	I 164 / SR 57	970050	970050
I 64	29	I 164 / SR 57	39	SR 61	970060	970050
I 64	39	SR 61	54	SR 161	970070	970050

- Interchange .PDF files

Found on Y: drive

Y:\TrafficManagement\waivers





# How Do I Get the Data?

Enter the Site Id on the search tool and press  
“Go”

**INDOT Management Information Portal** Please exit this page by clicking on the "Exit" link at top right instead

[Connect](#) > [Workbooks](#) > Connected to indotdw\_11g


**Federal Waiver Traffic Counts - Interstate Hourly Traffic Report (Summary)**



Last run Wednesday, April 13, 2011 02:40:55 PM EDT


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**Parameters Needed**

Select values for the following parameters.  
\* Indicates required field

Site Id Number  

Route Type   





# How Do I Get the Data?

In the case of a Weekday Report, you will get...

▼ Table

► Tools [Layout](#) [Format](#) [Spotlight](#) [Sort](#) [Rows and Columns](#)

	► Count Station No	► Count Hour End Time	► Total Volume	► Total Cars	► Total Trucks	► NB or EB Car Count	► NB or EB Truck Count	► NB or EB Adjusted Total	► SB or WB Car Count	► SB or WB Truck Count	► SB or WB Adjusted Total	► Route	► Location Descr
1	► 971250	1	656	487	169	214	81	376	273	88	449	I-65	ON I-65 1.00 MI NORTH OF GREENWOOD RD
2		2	475	321	154	154	70	295	166	84	335	I-65	ON I-65 1.00 MI NORTH OF GREENWOOD RD
3		3	405	264	141	103	63	230	161	78	317	I-65	ON I-65 1.00 MI NORTH OF GREENWOOD RD
4		4	391	234	157	97	70	236	137	87	311	I-65	ON I-65 1.00 MI NORTH OF GREENWOOD RD
5		5	382	232	149	125	65	255	108	84	275	I-65	ON I-65 1.00 MI NORTH OF GREENWOOD RD
6		6	469	309	159	174	73	324	134	86	308	I-65	ON I-65 1.00 MI NORTH OF GREENWOOD RD



# How Do I Get the Data?

In the case of a Weekend Report, you will get...

Site Id Number

▼ Table

► Tools [Layout](#) [Sort](#) [Rows and Columns](#)

---

	Weekday Station	Weekend	Weekday
	<input type="text"/>	<input type="text"/>	<input type="text"/>
1	971170	► Weekend	►

OR

Site Id Number

▼ Table

► Tools [Layout](#) [Sort](#) [Rows and Columns](#)

---

	Weekday Station	Weekend	Weekday
	<input type="text"/>	<input type="text"/>	<input type="text"/>
1	971180	►	► Weekday

Weekend counts were collected for this site and they are reported.

Only Weekday counts were collected at this site. The reported values are adjusted using Weekend Factors.



# How Do I Get the Data?

What is a “Weekend?”

Traffic Statistics defines a weekend as the 72 hour period between 12:00am Friday morning and 12:00am Monday morning.



# How Do I Get the Data?

In the case of a Weekend Report, you will get...

Table

Tools [Layout](#) [Format](#) [Stoplight](#) [Sort](#) [Rows and Columns](#)

Up 72 Rows Down Rows 1-72 of 75, Columns 1-15 of 16 Left 15 Columns Right

	Count Station No	Count Hr End Time	Weekend Day	Total Cars	Total Trucks	NB or EB Car Count	NB or EB Truck Count	NB or EB Adjusted Total	SB or WB Car Count	SB or WB Truck Count	SB or WB Adjusted Total	Route	Location Descr	Weekday Station	Weekend Station
1	972100	1	Friday	400	398	200	174	548	200	224	648	I-69	ON I-69 1.00 MI N OF SR 38	972100	972090
2		2		296	356	145	166	476	151	191	532	I-69	ON I-69 1.00 MI N OF SR 38	972100	972090
3		3		291	432	118	154	426	173	278	729	I-69	ON I-69 1.00 MI N OF SR 38	972100	972090
4		4		326	361	103	164	430	223	198	619	I-69	ON I-69 1.00 MI N OF SR 38	972100	972090
5		5		614	389	110	204	519	503	184	872	I-69	ON I-69 1.00 MI N	972100	972090



# A word about Weekend Factors

Weekend Factors are developed from a nearby site for which both Weekday data and Weekend data is available.

$$F_{\text{Friday}} = \frac{\text{Total Friday Volume}}{\text{Total Weekday Volume}}$$

This factor is then multiplied by each Weekday hourly volume for the requested site to approximate the Friday Hourly Volumes.



# How Do I Get the Data?

From here you can get details or export.

▶ Tools [Layout](#) [Format](#) [Spotlight](#) [Sort](#) [Rows and Columns](#)

	▶ Count Station No	▶ Count Hour End Time	▶ Total Volume	▶ Total Count
	<input type="checkbox"/>			
1	▶ 971250 Detail Report	1	656	48
2		2	475	32

## Actions

[Quick PDF](#)

[Rerun query](#)

[Printable page](#)

[Export](#)

[Send as email](#)

[Worksheet options](#)

Details include adjustment factors and Functional Classification.

Export can be MS Excel.



# What Does The Report Tell Me?

- Hourly 2010 AADT total and by direction  
(uses military 24 hour style)
- Car and Truck volumes
- Adjusted Totals applying a Passenger Car  
Equivalency Factor of 2.0
- Growth Factor applied to bring to 2010





# Questions

Contact Information:

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