

LoopID1

SegmentID(Multiple Items)

ModelID1

TimeID1

Mode...

1

2

1 - Highways
2 - PT

Sum.Trip

Column Labels

Row Labels

1

2

3

4

Grand Total

North

TPS

South

Wales

1

1,637,913

13,774

2,863

140

1,654,690

2

16,128

2,661,887

45,396

11,265

2,734,676

3

3,278

47,449

7,716,223

12,611

7,779,561

4

175

12,728

14,207

580,690

607,800

Grand Total

1,657,494

2,735,837

7,778,689

604,706

12,776,726

Segm...

1

2

3

4

5

100

1 - HBEB
2 - HBW
3 - HBO
4 - NHBEB
5 - NHBO

LoopID8

SegmentID(Multiple Items)

ModelID1

TimeID1

TimeID

0

1

2

3

4

0 - 24-hour
1 - AM period
2 - Inter-Peak Period
3 - PM Period
4 - Off-Peak Period

Sum.Trip

Column Labels

Row Labels

1

2

3

4

Grand Total

North

TPS

South

Wales

1

1,633,515

16,824

3,250

154

1,653,743

2

20,277

2,642,872

54,998

13,264

2,731,410

3

3,751

55,704

7,676,131

15,050

7,750,636

4

197

14,535

16,944

577,836

609,512

Grand Total

1,657,739

2,729,934

7,751,323

606,304

12,745,301

Change in Demand as the impacts of VDM

Sum of Derr Column Labels

Row Labels

1

2

3

4

Grand Total

North

TPS

South

Wales

1

-4,399

3,050

387

14

-947

2

4,148

-19,015

9,602

1,999

-3,266

3

473

8,255

-40,091

2,439

-28,925

4

22

1,807

2,737

-2,854

1,712

Grand Total

245

-5,902

-27,366

1,598

-31,425

Demand Reponses								
Period	Car				Rail			
	Business	Commute	Other	Total	Business	Commute	Other	Total
Reference Demand								
AM Peak	1,168,194	5,183,042	6,425,490	12,776,726	141,507	538,405	183,720	863,632
Inter-Peak	2,084,536	5,035,889	16,256,374	23,376,799	98,698	71,148	301,319	471,165
PM Peak	1,186,051	5,245,054	9,049,329	15,480,435	131,899	557,654	201,164	890,717
Off-Peak	967,137	3,233,539	8,370,362	12,571,038	58,225	153,752	102,165	314,142
Total	5,405,917	18,697,525	40,101,556	64,204,998	430,329	1,320,958	788,368	2,539,655
Post-VDM demand								
AM Peak	1,162,921	5,157,511	6,424,868	12,745,301	148,187	580,111	199,160	927,458
Inter-Peak	2,069,613	5,008,604	16,218,603	23,296,820	103,467	76,659	327,042	507,168
PM Peak	1,180,161	5,217,887	9,049,887	15,447,936	138,287	600,852	218,737	957,875
Off-Peak	974,357	3,220,499	8,378,382	12,573,238	61,530	165,662	111,276	338,469
Total	5,387,052	18,604,501	40,071,742	64,063,295	451,471	1,423,284	856,215	2,730,970
Change								
AM Peak	-5,272	-25,531	-622	-31,425	6,680	41,707	15,439	63,826
Inter-Peak	-14,923	-27,285	-37,771	-79,979	4,769	5,511	25,723	36,003
PM Peak	-5,890	-27,167	558	-32,499	6,387	43,198	17,573	67,158
Off-Peak	7,220	-13,040	8,020	2,200	3,306	11,910	9,112	24,327
Total	-18,865	-93,023	-29,815	-141,703	21,142	102,326	67,847	191,315
%Change								
AM Peak	-0.5%	-0.5%	0.0%	-0.2%	4.7%	7.7%	8.4%	7.4%
Inter-Peak	-0.7%	-0.5%	-0.2%	-0.3%	4.8%	7.7%	8.5%	7.6%
PM Peak	-0.5%	-0.5%	0.0%	-0.2%	4.8%	7.7%	8.7%	7.5%
Off-Peak	0.7%	-0.4%	0.1%	0.0%	5.7%	7.7%	8.9%	7.7%
Total	-0.3%	-0.5%	-0.1%	-0.2%	4.9%	7.7%	8.6%	7.5%

Demand Reponses								
Period	Car				Rail			
	Business	Commute	Other	Total	Business	Commute	Other	Total
NTEM Core Demand								
AM Peak	1,266,425	7,115,329	7,967,726	16,349,481	147,552	748,961	215,273	1,111,786
Inter-Peak	2,322,985	6,913,195	20,066,673	29,302,852	103,255	98,972	352,932	555,159
PM Peak	1,283,365	7,200,327	11,199,745	19,683,437	137,878	775,738	235,340	1,148,956
Off-Peak	1,042,930	4,438,938	10,333,761	15,815,629	62,131	213,881	117,939	393,950
Total	5,915,705	25,667,788	49,567,906	81,151,399	450,816	1,837,552	921,484	3,209,851
Low Growth Scenario								
AM Peak	1,168,194	5,183,042	6,425,490	12,776,726	141,507	538,405	183,720	863,632
Inter-Peak	2,084,536	5,035,889	16,256,374	23,376,799	98,698	71,148	301,319	471,165
PM Peak	1,186,051	5,245,054	9,049,329	15,480,435	131,899	557,654	201,164	890,717
Off-Peak	967,137	3,233,539	8,370,362	12,571,038	58,225	153,752	102,165	314,142
Total	5,405,917	18,697,525	40,101,556	64,204,998	430,329	1,320,958	788,368	2,539,655
Change from NTEM Core								
AM Peak	-98,232	-1,932,287	-1,542,236	-3,572,754	-6,045	-210,557	-31,553	-248,154
Inter-Peak	-238,449	-1,877,305	-3,810,299	-5,926,053	-4,557	-27,824	-51,613	-83,994
PM Peak	-97,314	-1,955,272	-2,150,416	-4,203,002	-5,979	-218,084	-34,176	-258,239
Off-Peak	-75,793	-1,205,399	-1,963,399	-3,244,591	-3,906	-60,129	-15,774	-79,808
Total	-509,787	-6,970,264	-9,466,350	-16,946,401	-20,487	-516,594	-133,116	-670,196
%Change from NTEM Core								
AM Peak	-7.8%	-27.2%	-19.4%	-21.9%	-4.1%	-28.1%	-14.7%	-22.3%
Inter-Peak	-10.3%	-27.2%	-19.0%	-20.2%	-4.4%	-28.1%	-14.6%	-15.1%
PM Peak	-7.6%	-27.2%	-19.2%	-21.4%	-4.3%	-28.1%	-14.5%	-22.5%
Off-Peak	-7.3%	-27.2%	-19.0%	-20.5%	-6.3%	-28.1%	-13.4%	-20.3%
Total	-8.6%	-27.2%	-19.1%	-20.9%	-4.5%	-28.1%	-14.4%	-20.9%