

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	1,162,996	5,157,619	6,424,529	12,745,145	148,001	579,968	199,096	927,065
Inter-Peak	2,070,173	5,008,937	16,219,619	23,298,729	103,333	76,640	326,941	506,914
PM Peak	1,180,024	5,217,780	9,049,758	15,447,563	138,115	600,703	218,671	957,489
Off-Peak	974,371	3,220,484	8,377,980	12,572,834	61,449	165,621	111,241	338,312
Total	5,387,564	18,604,820	40,071,886	64,064,271	450,899	1,422,933	855,948	2,729,780
Change								
AM Peak	-5,198	-25,423	-961	-31,581	6,494	41,564	15,376	63,434
Inter-Peak	-14,363	-26,953	-36,755	-78,071	4,635	5,492	25,622	35,750
PM Peak	-6,027	-27,274	429	-32,872	6,216	43,050	17,507	66,772
Off-Peak	7,234	-13,055	7,618	1,797	3,225	11,869	9,076	24,170
Total	-18,353	-92,704	-29,670	-140,727	20,570	101,975	67,580	190,125
%Change								
AM Peak	-0.4%	-0.5%	0.0%	-0.2%	4.6%	7.7%	8.4%	7.3%
Inter-Peak	-0.7%	-0.5%	-0.2%	-0.3%	4.7%	7.7%	8.5%	7.6%
PM Peak	-0.5%	-0.5%	0.0%	-0.2%	4.7%	7.7%	8.7%	7.5%
Off-Peak	0.7%	-0.4%	0.1%	0.0%	5.5%	7.7%	8.9%	7.7%
Total	-0.3%	-0.5%	-0.1%	-0.2%	4.8%	7.7%	8.6%	7.5%

Demand Reponses								
Period	Car				Rail			
	Business	Commute	Other	Total	Business	Commute	Other	Total
Do-Minimum - Post-VDM								
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
Optimised Package - Post-VDM								
AM Peak	1,162,996	5,157,619	6,424,529	12,745,145	148,001	579,968	199,096	927,065
Inter-Peak	2,070,173	5,008,937	16,219,619	23,298,729	103,333	76,640	326,941	506,914
PM Peak	1,180,024	5,217,780	9,049,758	15,447,563	138,115	600,703	218,671	957,489
Off-Peak	974,371	3,220,484	8,377,980	12,572,834	61,449	165,621	111,241	338,312
Total	5,387,564	18,604,820	40,071,886	64,064,271	450,899	1,422,933	855,948	2,729,780
Change								
AM Peak	75	108	-339	-156	-186	-143	-64	-393
Inter-Peak	560	333	1,016	1,908	-134	-19	-101	-254
PM Peak	-137	-107	-129	-373	-172	-148	-66	-386
Off-Peak	14	-15	-403	-404	-81	-41	-35	-157
Total	512	319	145	976	-572	-351	-267	-1,190
%Change								
AM Peak	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%
Inter-Peak	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	-0.1%
PM Peak	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%
Off-Peak	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%
Total	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%