

## **2007 End of Year Crash and Casualty Numbers and Progress against National 2010 Casualty Targets**

A report by Head of Network Management to the Highways Advisory Board on 8th July 2007

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### **2007 Crashes and Casualties Figures**

1. The crash records for 2007 for Kent were finalised in May. These totals are used in establishing best value performance indicators, government targets and establishing trends.
2. In 2007 91 people were killed on roads in Kent (excluding Medway), 632 received serious injuries and 5743 were slightly injured. There were 4779 crashes. Appendix 1 shows crashes and casualties by severity for 2007

### **2010 Government Target**

3. To help focus on achieving continuous improvement in road safety the Government has set a national target for reducing casualties by 2010. Compared with the 1994-98 average the target is:
  - A 40% reduction in the number of people killed or seriously injured in road accidents (KSI) – KCC as part of PSA2 intend to achieve this target by the end of 2007
  - A 50% reduction in the number of children killed or seriously injured.
  - A 10% reduction in the slight casualty rate expressed as the number of people slightly injured per 100million vehicle kilometres (MVKm). Kent does not have a traffic model appropriate for KCC roads. Therefore a simple 10% reduction in slight casualties has been used to set targets in Kent.

### **Current Progress against National Targets**

4. Compared with the 2010 target KSI, casualties on Kent roads including motorways and trunk roads) are within ½ % of the 2010 target and at target, rounded to the whole number it is the 40% target ( Appendix 2). Child KSI casualties have exceeded the 2010 target. Slight casualties show a reduction of 3.5 %. Appendix 3 shows that on the roads for which KCC is responsible, the KSI 2010 targets have been exceeded.
5. From Appendix 5 it can be seen that the 47 child KSI casualties in 2005 appear to have been an exceptionally low year. It demonstrates the variable nature of year on year totals as shown on the trend graph from 1994 for child KSI casualties, although the overall trend is downward.
6. The 2007 total KSI casualties on Kent roads showed a 3.2 % reduction compared with 2005. KSI casualties on the roads for which KCC is responsible, however, had a 4.8% increase compared with 2006; despite this there was a 41.8% reduction compared with the 94-98 average on KCC roads. The overall trend may be flattening out or even increasing (see Appendix 2 and 4). The casualties on the Highway Agency's roads in 2007, however showed a 27.1% decrease. The 2007 figure is consistent with the overall trend and 2006 may have been an abnormally high year for casualties on the HA roads (Appendix 4)

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7. 2007 slight casualties on Kent roads have shown a less than 1 % reduction compared with 2006 (see Appendix 2). Slight casualties on roads for which KCC are responsible have shown a 4.6 % increase although the 2007 figure compared with 2005 shows a 5.5% reduction and compared with the 1994-98 average there has been a 7.7% reduction. This reflects the volatile nature of slight casualties (Appendix 6).

### **Conclusion**

8. Overall KCC's performance is good, as we have achieved the 2010 KSI targets. The trends in casualties show a well established downward pattern albeit that it does now appear to be flattening out. The challenge over the next 3 years, 2008 to 2010, is to maintain and better the government's targets. It is vital that we continue to deliver programmes of work aimed at both improving the road infrastructure and road user behaviour. In addition to this to achieve a down turn in these figures the casualty reduction links fostered with the Highway Agency, Police, Fire and Rescue and the other partners must be further developed into strongly focused measures aimed at influencing the road user across the County. The developed partnership working activities on the strategic network need to be extended to the local network. It should however be noted that despite a co-ordinated approach to reducing casualties, these targets are outside the direct control of this highway authority, as the daily decisions of each and every road user of Kent will affect the outcome. This target could therefore still be missed in 2010 because of random fluctuation and circumstances outside the control of the highway authority

### **Recommendation**

9. Members are asked to note the contents of the report.

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Background Documents:

**APPENDIX 1**

KCC/HA SPLIT	KENT COUNTY COUNCIL ROADS			HIGHWAY AGENCY ROADS			Kent (KCC and HA)		
	2005	2006	2007	2005	2006	2007	2005	2006	2007
Crash and Casualty Figures Summary									
<b>Crashes - all ages</b>									
<b>Fatal</b>	65	53	71	21	27	13	86	80	84
<b>Serious</b>	458	424	432	77	116	87	535	540	519
<b>Slight</b>	3589	3245	3401	642	887	775	4231	4132	4176
<b>Total</b>	4112	3722	3904	740	1030	875	4852	4752	4779
<b>KSI</b>	523	477	503	98	143	100	621	620	603
<b>Casualties - all ages</b>									
<b>Fatal</b>	68	56	76	22	34	15	90	90	91
<b>Serious</b>	561	503	510	106	154	122	667	657	632
<b>Slight</b>	4847	4376	4578	988	1372	1165	5835	5748	5743
<b>Total</b>	5476	4935	5164	1116	1560	1302	6592	6495	6466
<b>KSI</b>	629	559	586	128	188	137	757	747	723
<b>Crashes - involving children under 16</b>									
<b>Fatal</b>	5	5	8	0	4	2	5	9	10
<b>Serious</b>	53	72	53	2	6	7	55	78	60
<b>Slight</b>	503	471	448	39	61	34	542	532	482
<b>Total</b>	561	548	509	41	71	43	602	619	552
<b>KSI</b>	58	77	61	2	10	9	60	87	70
<b>Casualties - children under 16</b>									
<b>Fatal</b>	2	2	5	0	3	1	2	5	6
<b>Serious</b>	44	63	53	1	6	2	45	69	55
<b>Slight</b>	575	543	515	55	86	53	630	629	568
<b>Total</b>	621	608	573	56	95	56	677	703	629
<b>KSI</b>	46	65	58	1	9	3	47	74	61

## APPENDIX 2

### KENT (Including Highway Agency Roads and excluding Medway)

Kent Casualties	2010 Target (original reported numbers)	94-98 Average (original reported numbers)	2005	2006	2007	2007 %change compared with 94-98 Average	2007 % change compared with 2006
<b>Total *KSI</b>	716	1194	757	747	723	39.45% reduction	3.21% reduction
<b>Child *KSI</b>	74	147	47	74	61	58.50% reduction	17.57% reduction
<b>Total Slight</b>	5356	5951	5835	5748	5743	3.50% reduction	0.09% reduction
<b>Child Slight</b>	717	797	630	629	568	28.73 % reduction	9.70% reduction
<b>Total Casualties</b>	6072	7145	6592	6495	6466	9.10 % reduction	1.47 % reduction
<b>Child Casualties</b>	708	944	677	703	629	33.37% reduction	10.53% reduction

Note Data taken from BVPI tables

\* Killed or seriously injured (KSI)

## APPENDIX 3

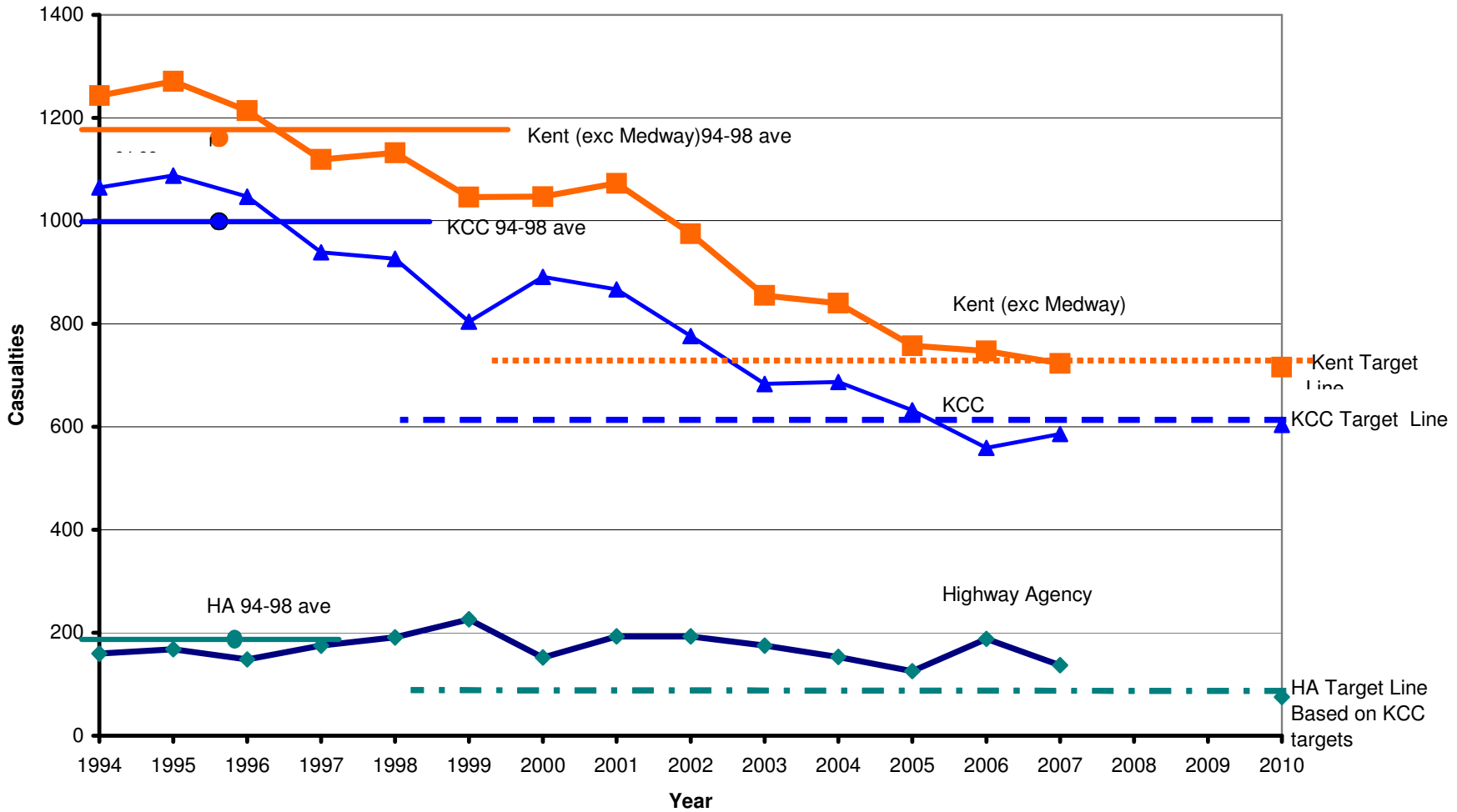
### KCC ROADS

KCC Area Casualties	2010 Target (original reported numbers)	94-98 Average (original reported numbers)	2005	2006	2007	2007 %change compared with 94-98 Average	2007 % change compared with 2006
<b>Total *KSI</b>	604	1006	629	<b>559</b>	<b>586</b>	41.75% reduction	4.83% increase
<b>Child *KSI</b>	69	137	46	<b>65</b>	<b>58</b>	57.66% reduction	10.77% reduction
<b>Total Slight</b>	4466	4962	4847	<b>4376</b>	<b>4578</b>	7.74% reduction	4.62% increase
<b>Child Slight</b>	639	710	575	<b>543</b>	<b>515</b>	27.46% reduction	5.16% reduction
<b>Total Casualties</b>	5070	5969	5476 0	<b>4935</b>	<b>5164</b>	13.50% reduction	4.64% increase
<b>Child Casualties</b>	708	847	621	<b>608</b>	<b>573</b>	32.35% reduction	5.76% reduction

Note: Data taken from BVPI tables

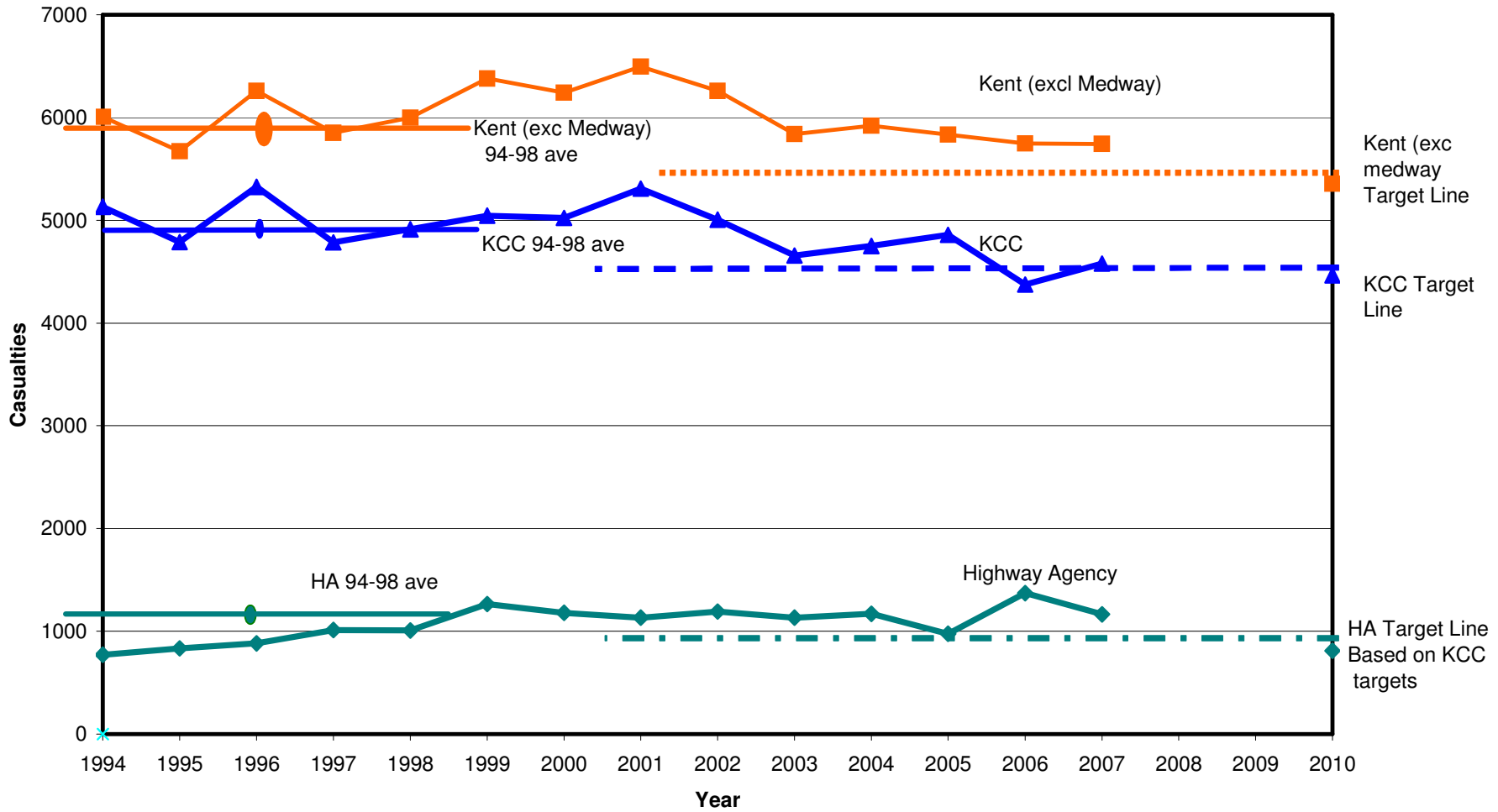
\*Killed or seriously injured (KSI)

**APPENDIX 4 - 2010 Target a 40% reduction in the number of people killed or seriously injured (KSI)**



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**APPENDIX 6 -2010 Target a 10% reduction in slight injury casualties**



**APPENDIX 5 - 2010 Target a 50% reduction in the number of children killed or seriously injured (KSI)**

