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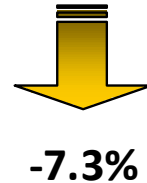
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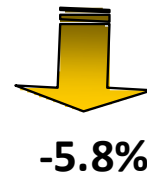
KEY PERFORMANCE INDICATORS - Q2 2010

PROPERTY CRIME	Q2 2010	Q2 2009	% Change
DISTRICT 1	2,621	2,853	-8.1%
DISTRICT 2	1,669	1,824	-8.5%
DISTRICT 3	1,953	2,044	-4.5%
DISTRICT 4	2,445	2,658	-8.0%
<b>CITY-WIDE*</b>	<b>8,696</b>	<b>9,379</b>	<b>-7.3%</b>



PROPERTY CLEARANCE TYPE	Q2 2010	Q2 2009	Q4 2009
UNFOUNDED	1.7%	1.8%	2.2%
FOUNDED NOT CLEARED	81.0%	81.0%	80.9%
CHARGED	11.8%	11.4%	11.5%
CLEARED BY OTHER MEANS	5.5%	5.8%	5.4%

VIOLENT CRIME	Q2 2010	Q2 2009	% Change
DISTRICT 1	471	446	5.6%
DISTRICT 2	684	762	-10.2%
DISTRICT 3	372	404	-7.9%
DISTRICT 4	245	274	-10.6%
<b>CITY-WIDE*</b>	<b>1,777</b>	<b>1,886</b>	<b>-5.8%</b>

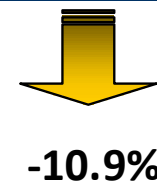


VIOLENT CLEARANCE TYPE	Q2 2010	Q2 2009	Q4 2009
UNFOUNDED	7.9%	7.2%	7.4%
FOUNDED NOT CLEARED	46.4%	46.8%	44.8%
CHARGED	37.0%	33.3%	37.7%
CLEARED BY OTHER MEANS	8.8%	12.8%	10.2%

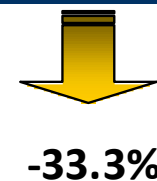
RESPONSE TIMES	Q2 2010	Q2 2009	% Change
DISTRICT 1	07:52	07:09	10.1%
DISTRICT 2	10:53	07:50	38.9%
DISTRICT 3	11:16	09:54	13.8%
DISTRICT 4	10:59	10:57	0.4%
<b>CITY-WIDE*</b>	<b>10:20</b>	<b>08:52</b>	<b>16.6%</b>



TRAFFIC INJURIES	Q2 2010	Q2 2009	% Change
DISTRICT 1	51	59	-13.6%
DISTRICT 2	60	54	11.1%
DISTRICT 3	79	101	-21.8%
DISTRICT 4	81	90	-10.0%
<b>CITY-WIDE*</b>	<b>271</b>	<b>304</b>	<b>-10.9%</b>



TRAFFIC DEATHS	Q2 2010	Q2 2009	% Change
<b>CITY-WIDE*</b>	<b>2</b>	<b>3</b>	<b>-33.3%</b>



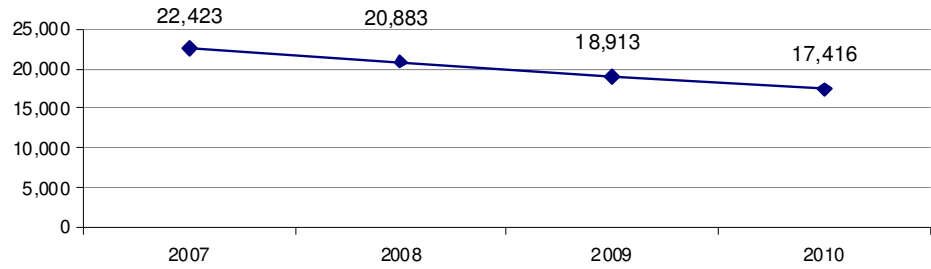
\* City-wide totals include incidents coded as location unknown



### TOTAL NUMBER OF INCIDENTS

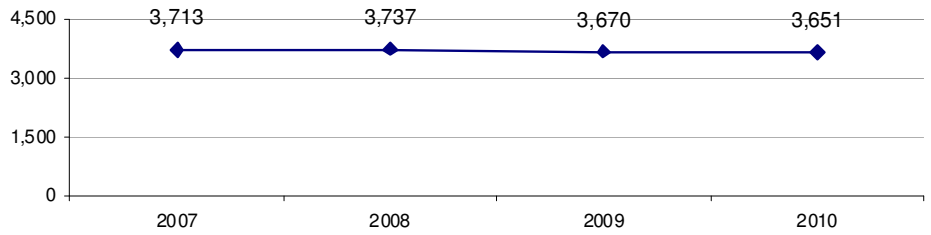
#### PROPERTY CRIME

YTD June 30th



#### VIOLENT CRIME

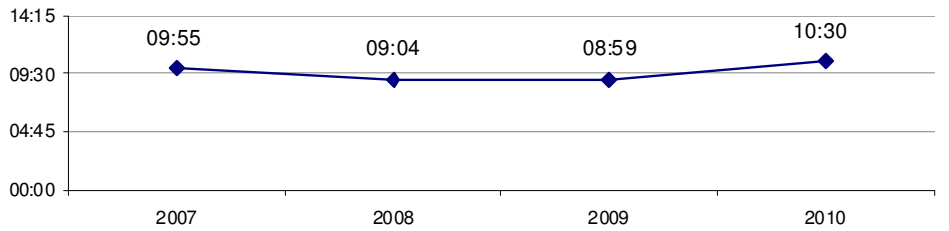
YTD June 30th



#### RESPONSE TIMES

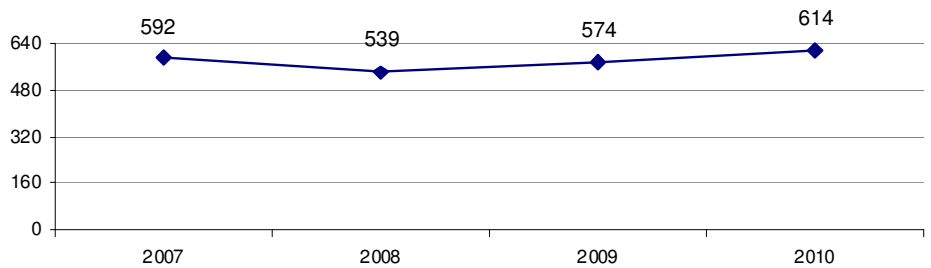
Minutes:Seconds

YTD June 30th



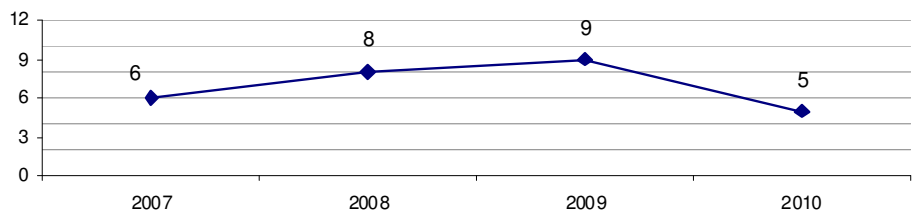
#### TRAFFIC INJURIES

YTD June 30th



#### TRAFFIC DEATHS

YTD June 30th





# KEY PERFORMANCE INDICATORS

Q2 2010

Planning, Research & Audit Section

July 2010



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## EXECUTIVE SUMMARY

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### **Property Crime**

The second quarter in 2010 showed a 7.3% decrease in property crime (8,696 offences) when compared to the same quarter last year (9,379 offences).

### **Violent Crime**

Violent crime decreased from 1,886 offences in the second quarter of 2009 to 1,777 offences in the second quarter of 2010, a difference of 5.8%.

### **Clearance Rates**

Property crime clearance rates "Cleared by Charge" have slightly increased from 11.5% to 11.8% when compared to the previous quarter and increased slightly from 11.4% when compared to the same time last year.

"Cleared by Charge" violent crime clearance rates increased from 33.3% to 37.0% when compared to the same quarter last year and decreased from 37.7% when compared to the previous quarter.

### **Response Times**

Priority 1 response times in the second quarter of 2010 (10:20) are slower by 16.6% when compared to the same quarter in the previous year (8:52).

### **Traffic Related Injuries & Deaths**

Reported traffic related injuries decreased from 304 city-wide incidents during the second quarter of 2009 to 271 incidents this quarter. This represents a 10.9% decrease in reported injuries.

There were 2 traffic fatalities that occurred in the second quarter of both 2009 and 2010. In other words, there was no change from one year to the next.

### **Annual Citizen Satisfaction Levels**

Citizen satisfaction survey results are reported annually. The results for 2009 were reported in the Q1 2010 KPI Report.

### **Budget Variance**

Budget variance data for the quarter is presented to the Vancouver Police Board through their Finance Committee.



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## INTRODUCTION

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The Vancouver Police Department's (VPD) 2008-2012 Strategic Plan establishes the VPD's vision of being "Canada's leader in policing – providing safety for all". The Strategic Plan identifies policing priorities that include the following seven operational goals:

- To reduce property crime by 20% by 2012;
- To reduce violent crime by 10% by 2012;
- To suppress violent gang activity;
- To reduce traffic-related injuries and deaths;
- To improve liveability by reducing street disorder;
- To implement best practices for consequence management and emergency preparedness; and,
- To enhance proactive and visible policing.

The establishment of organizational goals is critical, and success can be accurately determined through effective measurement. The VPD and Vancouver Police Board identified Key Performance Indicators (KPIs) that provide a macro-level perspective of organizational performance. A KPI report is produced on a quarterly basis to provide a snapshot of the VPD relative to its primary purpose – public safety.

This KPI Report presents data for the second quarter of 2010 (Q2 2010). This quarter is compared to the same quarter the previous year (Q2 2009). A description of the data included in this report and the extraction criteria is available in the appendix. The KPIs that will be presented in this report are:

- Property crime rates
- Violent crime rates
- Clearance rates for criminal investigations
- Traffic related injuries and deaths
- Annual citizen satisfaction survey<sup>1</sup>
- Budget variance

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<sup>1</sup> This KPI will be reported annually at the beginning of each year.










PROPERTY CRIME & CLEARANCE RATES

Table 1 shows the breakdown of property crime by District during the second quarter of 2009 and 2010. As shown, property crime has decreased in each District when comparing this quarter to the same quarter last year.

Table 1: City-wide & District Annual Property Crime Comparisons

	Q2 2010	Annual Comparison	Q2 2009
District 1	2,621	 -8.1%	2,853
District 2	1,669	 -8.5%	1,824
District 3	1,953	 -4.5%	2,044
District 4	2,445	 -8.0%	2,658
<b>City-wide</b>	<b>8,696</b>	 <b>-7.3%</b>	<b>9,379</b>

To account for seasonal changes, Table 2 shows the percentage change from this quarter to the same quarter in the previous year as they relate to the number of reported property crimes.

Table 2: Recent Property Crime Trends

Quarter	# of Property Crimes	% Change
Q2 2009	9,379	-11.3%
Q3 2009	9,959	-6.4%
Q4 2009	8,786	-10.6%
Q1 2010	8,643	-9.3%
Q2 2010	8,696	-7.3%



Table 3 shows property crime has decreased annually since the implementation of the 2008 – 2012 Strategic Plan. This decrease is attributed to all areas of property crime (see Table 3).

Table 3: Three Year Trend for Property Crime Rate per 1,000 Population

	Crime Rate			% Change		
	2007	2008	2009	2007-2008	2008-2009	2007-2009
<b>Property Crime</b>	<b>72.83</b>	<b>67.09</b>	<b>60.22</b>	<b>-7.9%</b>	<b>-10.2%</b>	<b>-17.3%</b>
B&E - Total	12.55	11.07	8.76	-11.8%	-20.9%	-30.2%
Business	4.11	3.71	3.03	-9.6%	-18.4%	-26.3%
Residence	7.16	6.02	4.57	-15.9%	-24.1%	-36.2%
Other	1.28	1.34	1.16	3.9%	-13.0%	-9.6%
Theft of MV	6.45	4.82	3.89	-25.2%	-19.4%	-39.7%
Theft (over/under \$5000)	39.03	36.58	34.57	-6.3%	-5.5%	-11.4%
Have Stolen Goods	2.22	1.85	1.89	-16.8%	2.3%	-14.9%
Fraud	3.89	3.25	3.55	-16.4%	9.0%	-8.9%
Arson	0.39	0.44	0.33	11.4%	-23.4%	-14.7%
Mischief (over/under \$5000)	8.29	9.08	7.23	9.5%	-20.3%	-12.8%

The property crime rate has experienced seven consecutive annual decreases. Figure 1 shows the crime rate declined from 101.79 crimes per 1,000 population in 2002 to a low of 60.22 property crimes per 1,000 population in 2009. The dashed line represents the property crime reduction goal set in the 2008-2012 Strategic Plan.

Figure 1: Annual Property Crime Rate per 1,000 Population

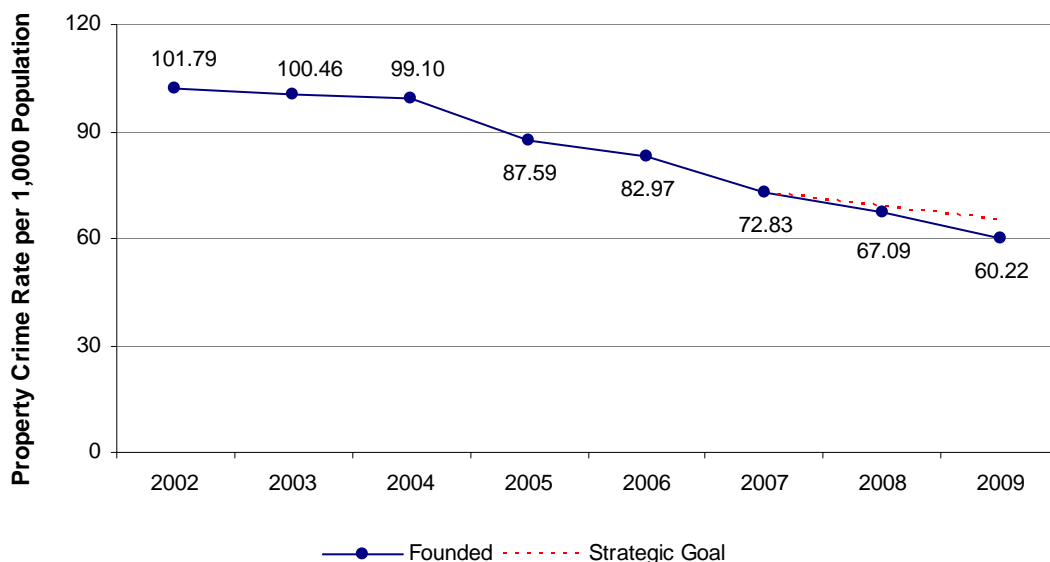




Table 4 shows property crime clearance rates “Cleared by Charge” have slightly increased from 11.5% to 11.8% when compared to last quarter and increased slightly from 11.4% when compared to the same time last year. Compared to last quarter “Founded not Cleared” rates slightly increased from 80.9% to 81.0%. This clearance rate remained the same when compared to last year at the same time.

Table 4: Property Crime Clearance Rates






Clearance Type	Current (Q2 2010)	Last Year (Q2 2009)	Last Quarter (Q1 2010)
Unfounded	1.7%	1.8%	2.2%
Founded Not Cleared	81.0%	81.0%	80.9%
Charged	11.8%	11.4%	11.5%
Cleared by Other Means	5.5%	5.8%	5.4%



**VIOLENT CRIME & CLEARANCE RATES**

Table 5 shows the breakdown of violent crime by District during the second quarter of 2009 and 2010.

Table 5: City-wide & District Annual Violent Crime Comparisons

	Q2 2010	Annual Comparison	Q2 2009
District 1	471	5.6% 	446
District 2	684	-10.2% 	762
District 3	372	-7.9% 	404
District 4	245	-10.6% 	274
<b>City-wide</b>	<b>1,777</b>	<b>-5.8%</b> 	<b>1,886</b>

To account for seasonal changes, Table 6 shows the percentage change from this quarter to the same quarter in the previous year as they relate to the number of reported violent crimes.

Table 6: Recent Violent Crime Trends

Quarter	# of Violent Crimes	% Change
Q2 2009	1,886	0.2%
Q3 2009	2,005	-1.9%
Q4 2009	1,804	-3.7%
Q1 2010	1,829	2.8%
Q2 2010	1,777	-5.8%



Examining a three year trend for violent crime shows that this crime category has decreased since the establishment of the 2008 – 2012 Strategic Plan. With the exception of attempted murder and sexual offences, all other crime types have decreased (see Table 7).

Table 7: Three Year Trend for Violent Crime Rate per 1,000 Population

	Crime Rate			% Change		
	2007	2008	2009	2007-2008	2008-2009	2007-2009
<b>Violent Crime</b>	<b>12.52</b>	<b>12.45</b>	<b>11.93</b>	<b>-0.6%</b>	<b>-4.2%</b>	<b>-4.7%</b>
Culpable Homicide	0.03	0.03	0.03	-6.2%	-7.4%	-13.2%
Attempted Murder	0.03	0.04	0.03	28.1%	-19.8%	2.8%
Sexual Offences	0.86	0.81	0.90	-5.7%	10.8%	4.4%
Assaults	9.07	9.07	8.84	0.0%	-2.5%	-2.5%
Robbery	2.53	2.50	2.13	-1.1%	-15.0%	-15.9%

Figure 2 shows the annual violent crime rate has declined three consecutive years from 13.46 crimes per 1,000 population in 2006 to 11.93 crimes per 1,000 population in 2009. The dashed line represents the violent crime reduction goal set in the 2008-2012 Strategic Plan.

Figure 2: Annual Violent Crime Rate per 1,000 Population

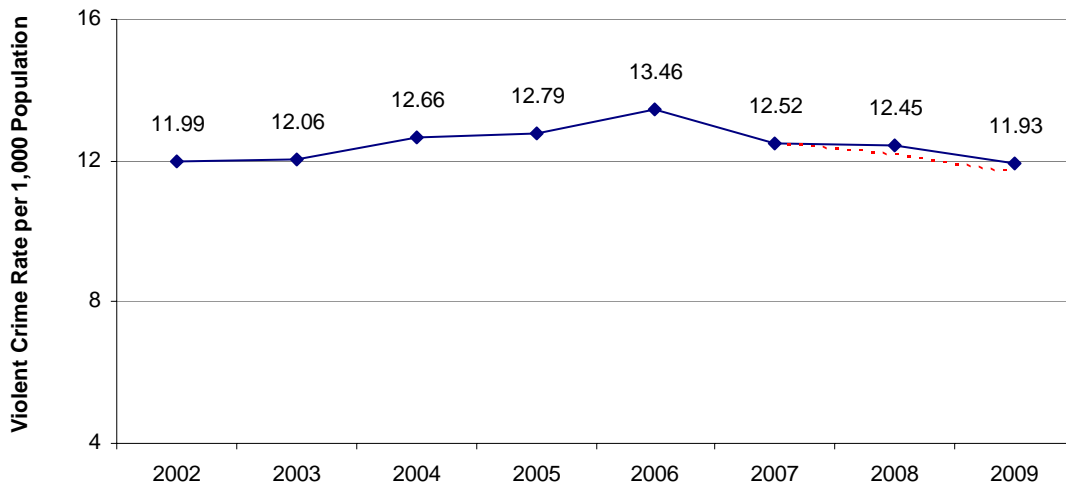




Table 8 shows “Cleared by Charge” violent crime clearance rates increased from 33.3% to 37.0% when compared to the same quarter last year and decreased slightly from 37.7% when compared to last quarter. “Founded not Cleared” rates decreased from 46.8% to 46.4% when compared to last year but increased from last quarter which returned a 44.8% clearance rate.

Table 8: Violent Crime Clearance Rates






Clearance Type	Current (Q2 2010)	Last Year (Q2 2009)	Last Quarter (Q1 2010)
Unfounded	7.9%	7.2%	7.4%
Founded Not Cleared	46.4%	46.8%	44.8%
Charged	37.0%	33.3%	37.7%
Cleared by Other Means	8.8%	12.8%	10.2%



### RESPONSE TIMES

Table 9 shows Priority 1 (P1) response times by District and shows the percentage change from this quarter to the same quarter last year.

Table 9: City-wide & District Annual Response Time Comparisons

	Q2 2010	Annual Comparison	Q2 2009
District 1	07:52	 10.1%	07:09
District 2	10:53	 38.9%	07:50
District 3	11:16	 13.8%	09:54
District 4	10:59	 0.4%	10:57
<b>City-wide</b>	<b>10:20</b>	 <b>16.6%</b>	<b>08:52</b>

To account for seasonal changes, Table 10 shows the percentage change from this quarter to the same quarter last year as they relate to P1 response times.

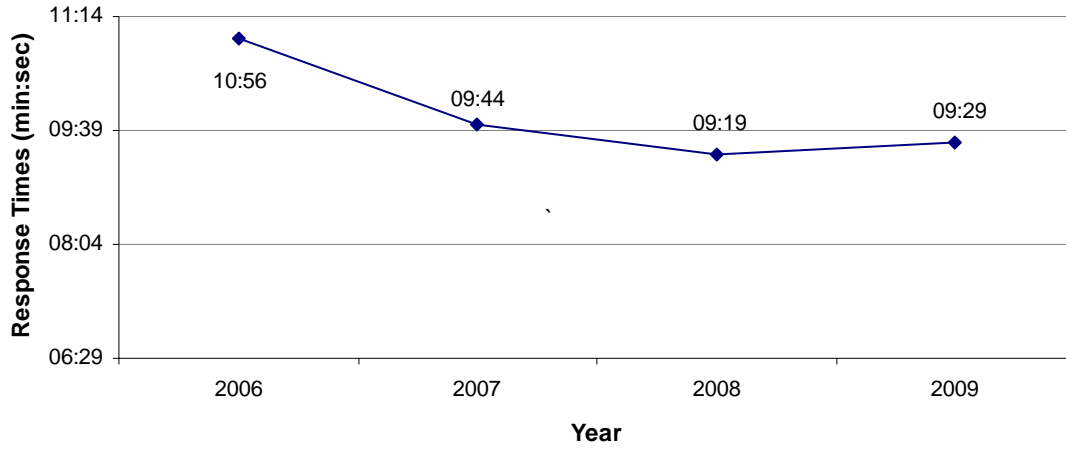
Table 10: Recent Priority 1 Response Times

Quarter	Response Time	% Change
Q2 2009	08:52	-6.2%
Q3 2009	09:20	-5.8%
Q4 2009	10:34	15.2%
Q1 2010	10:39	16.7%
Q2 2010	10:20	16.6%



Figure 3 shows Priority 1 response times by year.

Figure 3: Priority 1 Response Times







### TRAFFIC RELATED INJURIES & DEATHS

Traffic offences are collected under the categories of Motor Vehicle Accidents (MVAs) resulting in injuries or death. Table 11 shows the percentage change of traffic injuries from this quarter to the same quarter in the previous year.

Table 11: Traffic Incidents Involving Injured Persons

Quarter	# of Incidents	% Change
Q2 2009	304	5.9%
Q3 2009	347	6.4%
Q4 2009	350	10.4%
Q1 2010	342	26.7%
Q2 2010	270	-11.2%

Since 2005, the number of MVAs resulting in injuries significantly dropped from 1,998 offences to 1,179 in 2008. Figure 4 shows that in 2009, there were 1,267 MVAs resulting in injuries that were reported to the VPD. This is a 7.5% increase in injuries from 2008.

Figure 4: Motor Vehicle Accidents with Injuries

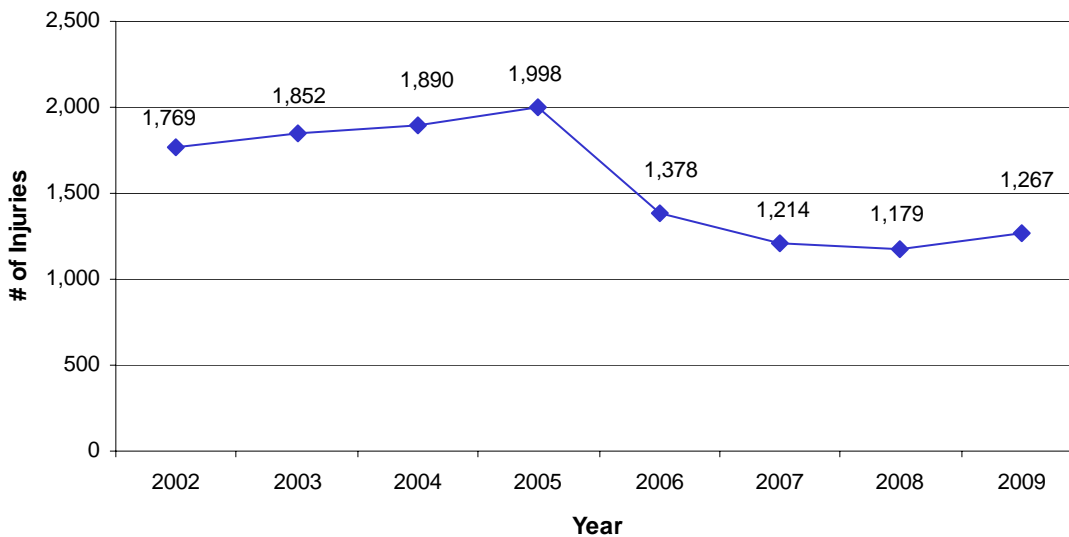




Table 12 compares the number of fatal traffic incidents and deaths seasonally as well as by quarter<sup>2</sup>.

Table 12: Fatal Traffic Incidents

Quarter	# of Incidents	# of Deaths	Quarter	# of Incidents	# of Deaths
Q2 2009	3	3	Q2 2008	2	2
Q3 2009	3	3	Q3 2008	6	6
Q4 2009	4	4	Q4 2008	4	4
Q1 2010	3	3	Q1 2009	5	6
Q2 2010	2	2	Q2 2009	3	3

<sup>2</sup> Percent changes were not included in the tables as the overall small number of total fatalities cause any change to result in percentage changes that appear significant but should not be interpreted as such.



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## APPENDIX

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### Data

The data for this report is obtained from the PRIME records management system. Crime statistics at the VPD are published using the 'all offences method', which captures all of the offences associated with an incident. An incident may include up to four separate offences.

The crime statistics noted in this report reflect the raw reported crime counts based on the all offence method (where one incident can represent more than one crime) as well as cases cleared as unfounded to more accurately represent workload by members.

Crime rates are calculated per 1,000 population. BC Statistics cites Vancouver's 2009 population to be 628,621<sup>3</sup>. The population for 2009 has been projected as 638,930 using a 5-year average percentage population growth in Vancouver.

*Property crime* includes the following offences:

- Break and Enter
- Thefts over/under \$5000
- Theft of Motor Vehicle
- Theft from Motor Vehicle
- Have Stolen Goods
- Fraud
- Mischief

*Violent crime* includes the following offences:

- Culpable Homicide
- Attempted Murder
- Sex Offence<sup>4</sup>
- Assault
- Robbery

*Clearance Rates* describe the status of an incident. An incident can be cleared either as founded or unfounded.

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<sup>3</sup> BC Stats as of July 5, 2010.

<sup>4</sup> On September 9<sup>th</sup>, 2008, Versadex was updated to reflect the changes brought about by Statistics Canada. Sex Offence crimes now include Luring a Child via Computer as well as Voyeurism.



## Founded

- *Cleared by Charge:* A charge has been laid or is recommended to be laid against a suspect in connection with the incident.
- *Cleared by Other Means:* A suspect has been identified in connection with the incident but is processed by another means.
- *Founded but not Cleared:* A suspect has not been identified in connection with the incident.

## Unfounded

- *Unfounded:* No violation of the law took place.

*Response times* are calculated by subtracting the time a unit arrives on scene at a call from when a call for service is received by E-Comm. The following calls are excluded from response time calculations: on-view calls, self initiated calls, calls with a response time less than one minute and greater than 10 hours, and call types motor vehicle incident with injury and missing persons.