



# EDMONTON POLICE SERVICE



## REPORT TO THE EDMONTON POLICE COMMISSION

DATE: 2011 Apr 07

SUBJECT: Quarterly Reporting of EPS Clearance Rates: 2010 Year End

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### RECOMMENDATION:

That this report be received for information.

### INTRODUCTION:

This report will update the Edmonton Police Commission on the 2010 Year End Edmonton Police Service Weighted Clearance Rates.

### BACKGROUND:

The EPC has asked for reporting of the EPS clearance rates, separate from the quarterly reporting of the annual policing plan.

1. EPS Clearance Rate Reporting is based on the standards that are consistent with the Centre for Criminal Justice Statistics (CCJS).
2. To ensure appropriate clearance rate accuracy, the reporting be based on a three month time lag. The attached report is based on 2010 year end results; quarter's 1 – 4 inclusive.

### COMMENTS/DISCUSSION:

The performance measure for EPS clearance rates is documented in the 2010 Annual Policing Plan Initiative #2, which calls for a 5% increase in EPS clearance rates in 2010 over 2009. The results for year end 2010 are:

- All Crime: 38% weighted clearance rate, a +5.7% increase over 2009
- Violent Crime: 50.7% weighted clearance rate, a +4.7% increase over 2009
- Non-Violent Crime: 32.8% weighted clearance rate, a +5.9% increase over 2009

**CONCLUSION:**

The EPS is meeting and exceeding its performance objective for year end 2010 over year end 2009 in relation to a 5% increase in clearance rates.

Weighted clearance rates also show a consistent improvement each year from 2007 thru 2010.

**ADDITIONAL INFORMATION ATTACHED:**

- Attachment 1 – Weighted Clearance Rate Report date 06 April 2011

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**Reviewed By:** Brian Roberts, Director, Office of Strategy Management Division 

**Approved by:** David Korol, Chief of Police

A/Chief of Police:  \_\_\_\_\_

Date: 14 APRIL 2011



## Crime Severity Index Weighted Clearance Rate UCR Violations

Report Source: EPROS Activity -  
Current  
Run by: John Warden

Division: City Wide  
District: All Districts  
Neighbourhood: All Neighbourhoods  
Quarter Selection: All Quarters

Information as at Date:  
5 Apr 2011 23:59

### CRIME SEVERITY INDEX

	2007	2008	2009	2010
All Crime	<u>141.9</u>	<u>138.2</u>	<u>126.7</u>	<u>107.5</u>
Violent Crime	<u>157.1</u>	<u>162.6</u>	<u>143.8</u>	<u>125.3</u>
Non-Violent Crime	<u>141.5</u>	<u>134.6</u>	<u>125.4</u>	<u>105.6</u>

### WEIGHTED CLEARANCE RATE

	2007	2008	2009	2010
All Crime	<u>27.3%</u>	<u>28.8%</u>	<u>32.3%</u>	<u>38.0%</u>
Violent Crime	<u>34.1%</u>	<u>34.7%</u>	<u>46.0%</u>	<u>50.7%</u>
Non-Violent Crime	<u>24.6%</u>	<u>26.3%</u>	<u>26.9%</u>	<u>32.8%</u>

As a result of changes by the Centre for Canadian Justice Statistics relating to the coding practices of some UCR violations, 2008 should not be compared against subsequent years

**Calculations:**

Violent Crime - is calculated based on the 1st most serious violation attached to each victim record. Where a victim was not recorded then the count is based on the 1st most serious UCR violation per incident.

$CSI = (\# \text{ Violations} * \text{Weight}) / (\text{Population}) / \text{Weighted rate} * 100$

$WCR = \text{total } (\# \text{ Cleared Violations} * \text{Weight}) / \text{total } (\# \text{ Violations} * \text{Weight}) * 100$

Weighted rate for All Crime is equal to 5.5544, for Violent Crime is equal to 1.5425, and for Non-Violent Crime is equal to 4.0118.