



2022 Crime Severity and Weighted Clearance: National Comparisons

Doug James, Inspector - Strategic Services

Sonia Tuling, Statistician - Planning, Research & Evaluation

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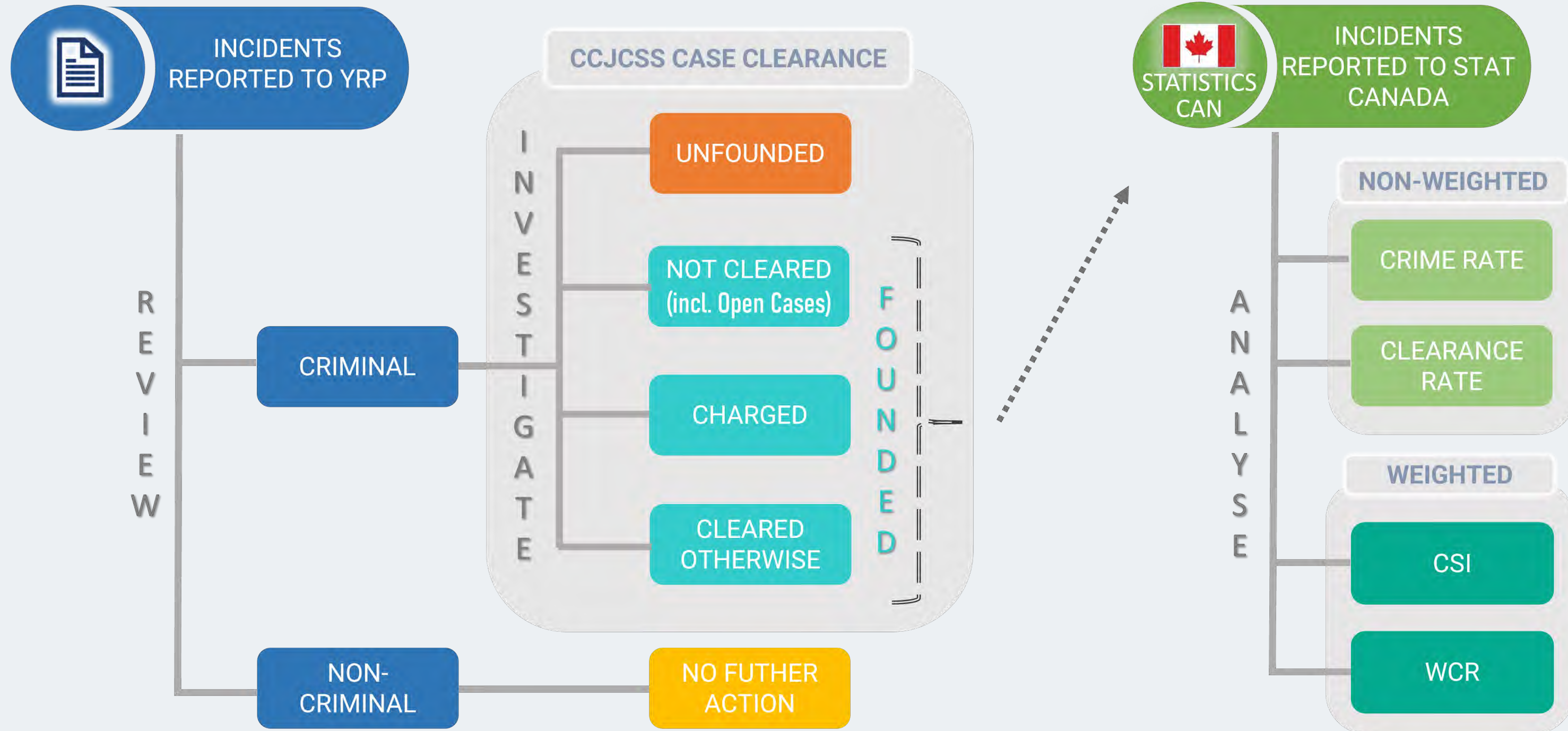


Presentation Overview

- 1 Explanation of Use of Statistics
- 2 Crime Severity Index
- 3 Weighted Clearance Rate
- 4 National Comparisons



Incidents To Statistics





Statistic Metrics

NON-WEIGHTED

INCIDENTS REPORTED TO STAT CANADA

A
N
A
L
Y
S
E

NON-WEIGHTED
CRIME RATE
CLEARANCE RATE

WEIGHTED
CSI
WCR



IS THERE A LOT OF CRIME IN MY AREA?

CRIME RATE
measures the volume of crime that has occurred for a given population.



ARE SUSPECTS BEING IDENTIFIED?

CLEARANCE RATE
measures the volume of incidents concluded as Charge or Cleared Otherwise.

2022 YRP CRIME STATISTICS

YORK REGION POPULATION:
1,239,424*

TOTAL CRIMES:
45,713

CRIME RATE:
3,688.2
(PER 100,000)

CLR RATE:
40.9%

YTY CRIME RATE:
15.8%

YTY CLR RATE:
-4.8%

*Population data source from York Region



Statistic Metrics

WEIGHTED

STATISTICS CAN
INCIDENTS REPORTED TO STAT CANADA

A
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NON-WEIGHTED
CRIME RATE
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HOW SAFE IS MY AREA?

CRIME SEVERITY INDEX
measures the volume and the severity of the crimes in a given area.

WEIGHTED CLEARANCE RATE
measures the percentage of cleared incidents that are weighted based on crime severity level.



HOW IS IT WEIGHTED?

$$\text{INCARCERATION RATE} \times \text{AVG PRISON SENTENCE} = \text{WEIGHT}^*$$

INDEX SCORE:
> 100 more serious crime rate
< 100 less serious crime rate



A Brief Explanation



[Measuring crime in Canada: A detailed look at the Crime Severity Index \(statcan.gc.ca\)](https://www150.statcan.gc.ca/n1/pub/25-009-x/2019001/article/00001-eng.htm)





National Comparators 2022 Population



POLICE SERVICE	POPULATION
TORONTO	3,025,647
MONTREAL	2,038,845
PEEL	1,517,448
CALGARY	1,413,800
YORK	1,224,244
EDMONTON	1,087,172
OTTAWA	1,071,888
WINNIPEG	783,096
DURHAM	745,580

*Population data source from Statistics Canada



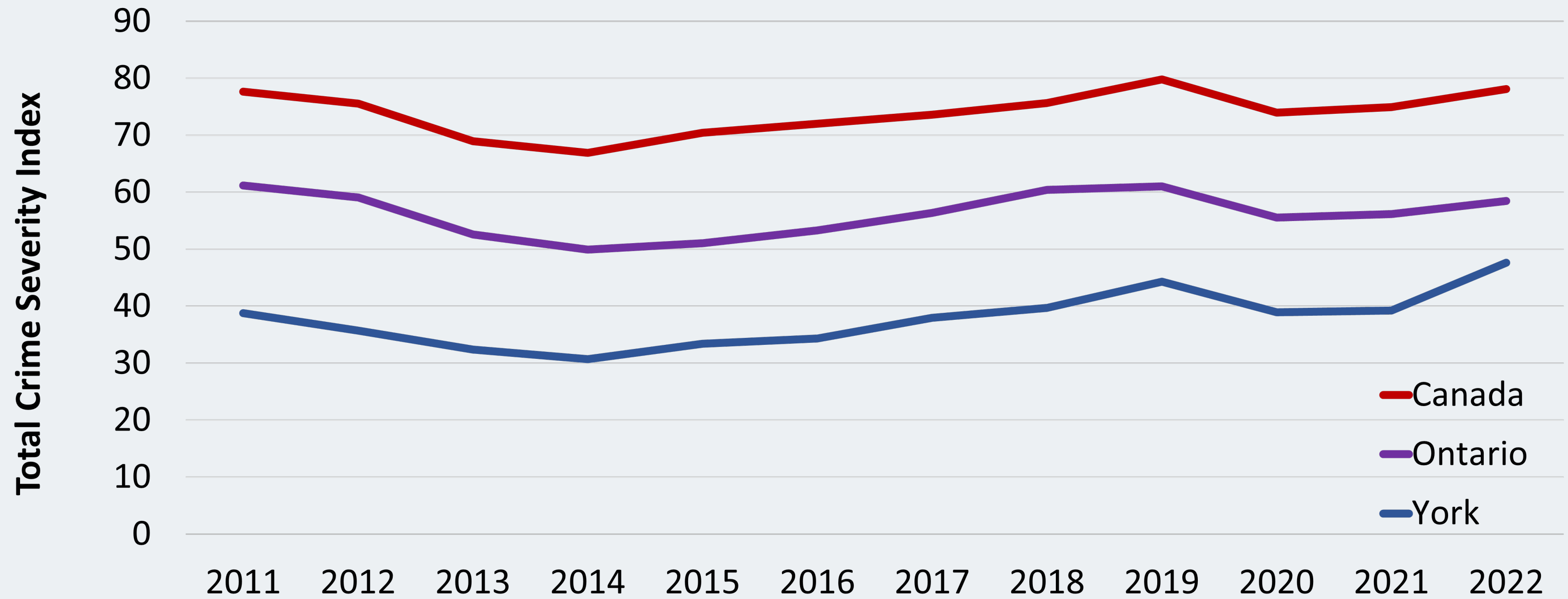
National Comparators 2022 Crime Severity Index

	YORK		CANADA	
	INDEX	Δ%	INDEX	Δ%
CRIME	47.6	21.3%	78.1	4.3%
VIOLENT	64.1	37.3%	97.7	4.6%
NON VIOLENT	41.4	13.2%	70.9	4.1%





2011 – 2022 Crime Severity Index





2022 Top Contributors to CSI

YORK REGION

VIOLENT CSI:

- ROBBERY
- HOMICIDE
- EXTORTION
- SEXUAL ASSAULT
- ASSAULT W WEAPON/CBH
- UTTERING THREATS

NON-VIOLENT CSI:

- MOTOR VEHICLE THEFT
- BREAK AND ENTER
- THEFT UNDER \$5000
- WEAPON VIOLATION

CANADA

VIOLENT CSI:

- ROBBERY
- HOMICIDE
- EXTORTION
- SEXUAL ASSAULT

NON-VIOLENT CSI:

- MOTOR VEHICLE THEFT
- BREAK AND ENTER
- THEFT UNDER \$5000
- SHOPLIFTING UNDER \$5000
- GENERAL FRAUD

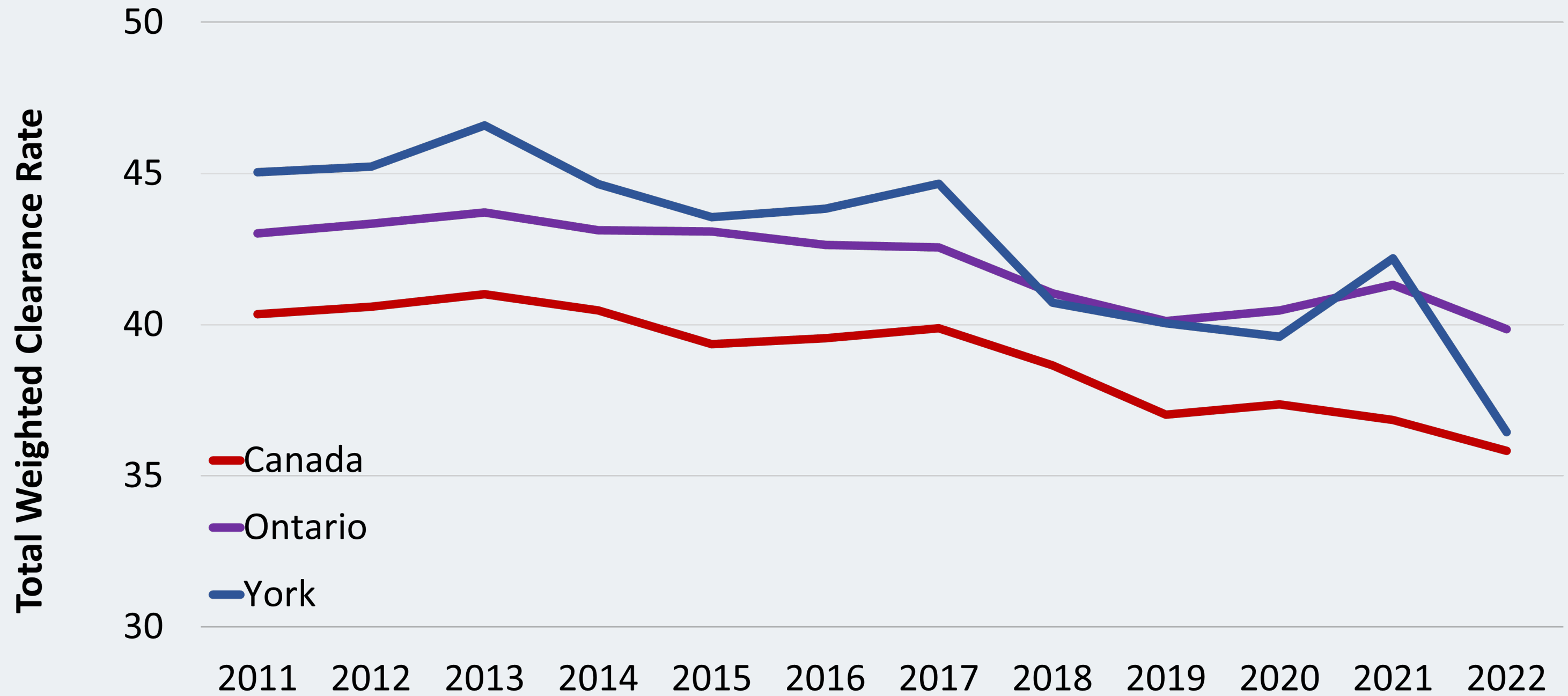


National Comparators 2022 Weighted Clearance Rate

	YORK		CANADA	
	WCR	Δ%	WCR	Δ%
CRIME	36.4	-5.8%	35.8	-1.0%
VIOLENT	53.0	-8.5%	55.6	-0.4%
NON VIOLENT	26.2	-6.2%	25.0	-1.4%



2011 – 2022 Weighted Clearance Rate





Case Clearances – External Factors

- Unfounded incidents are not taken into account in estimating crime rate and clearance rates and not every police service follows the same criteria for clearing cases as unfounded.
- Police services have different resources and choose to focus on areas that are of interest for their community, more attention may be given to Auto Thefts in Ontario than Quebec.
- Initiatives to help report minor crimes using technology have increased the number of reports, but may not be able to be cleared due to ability to investigate.



Pulling it Together

- Increased reports indicates that our community has a high level of trust with YRP
- Increased number of online reporting over the years which impacts the clearance rate
- YRP receives theft of gas reports, not consistent with other agencies
- Will continue to work on internal controls to determine next steps





Thank you



Questions?