



THE ONTARIO
TOBACCO
RESEARCH
UNIT

UNITÉ
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SUR LE TABAC
DE L'ONTARIO

Purchase of Contraband Tobacco from First Nations Reserves by Canadian Adults

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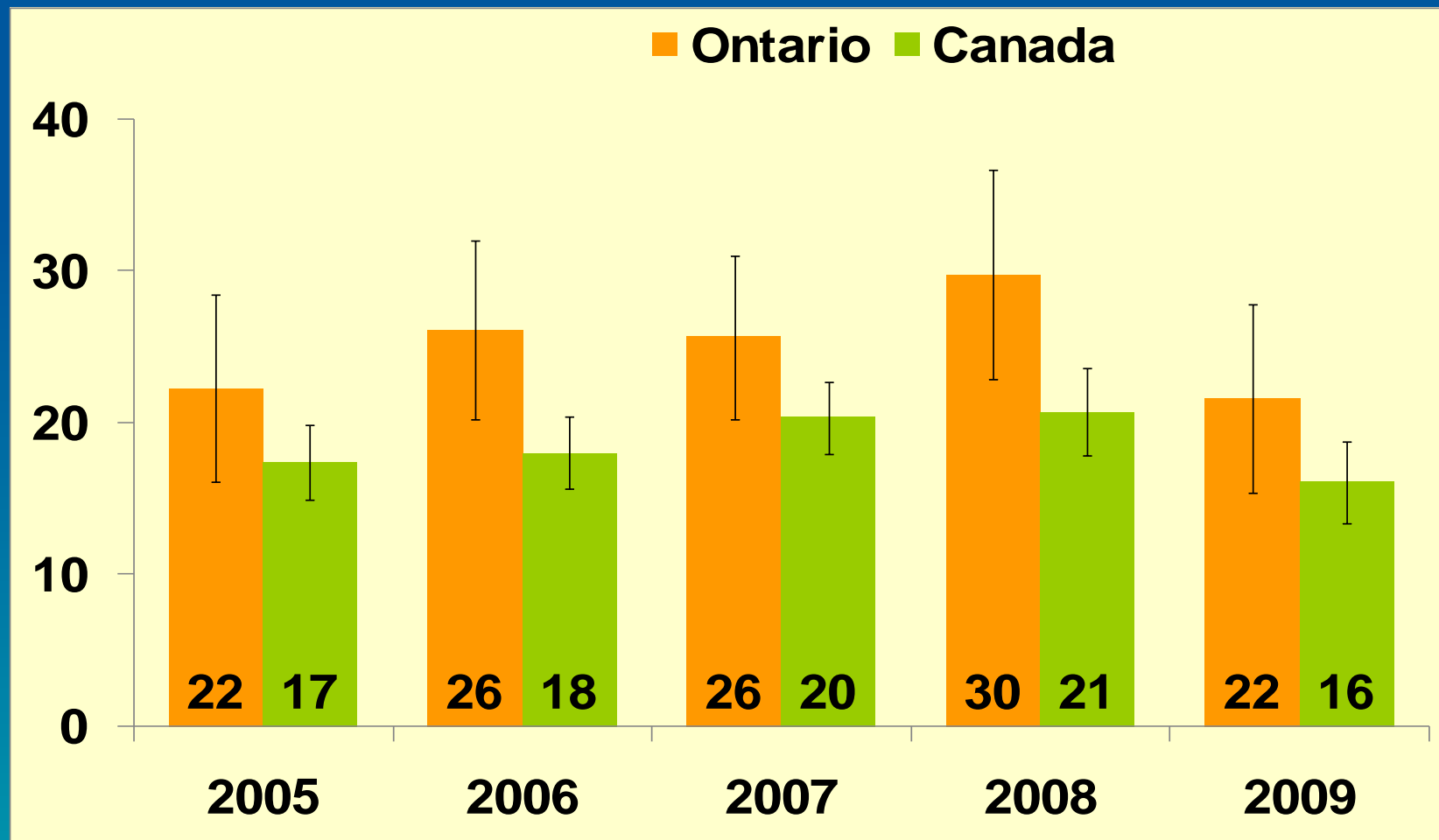
Ontario Tobacco Research Unit

Data Sources

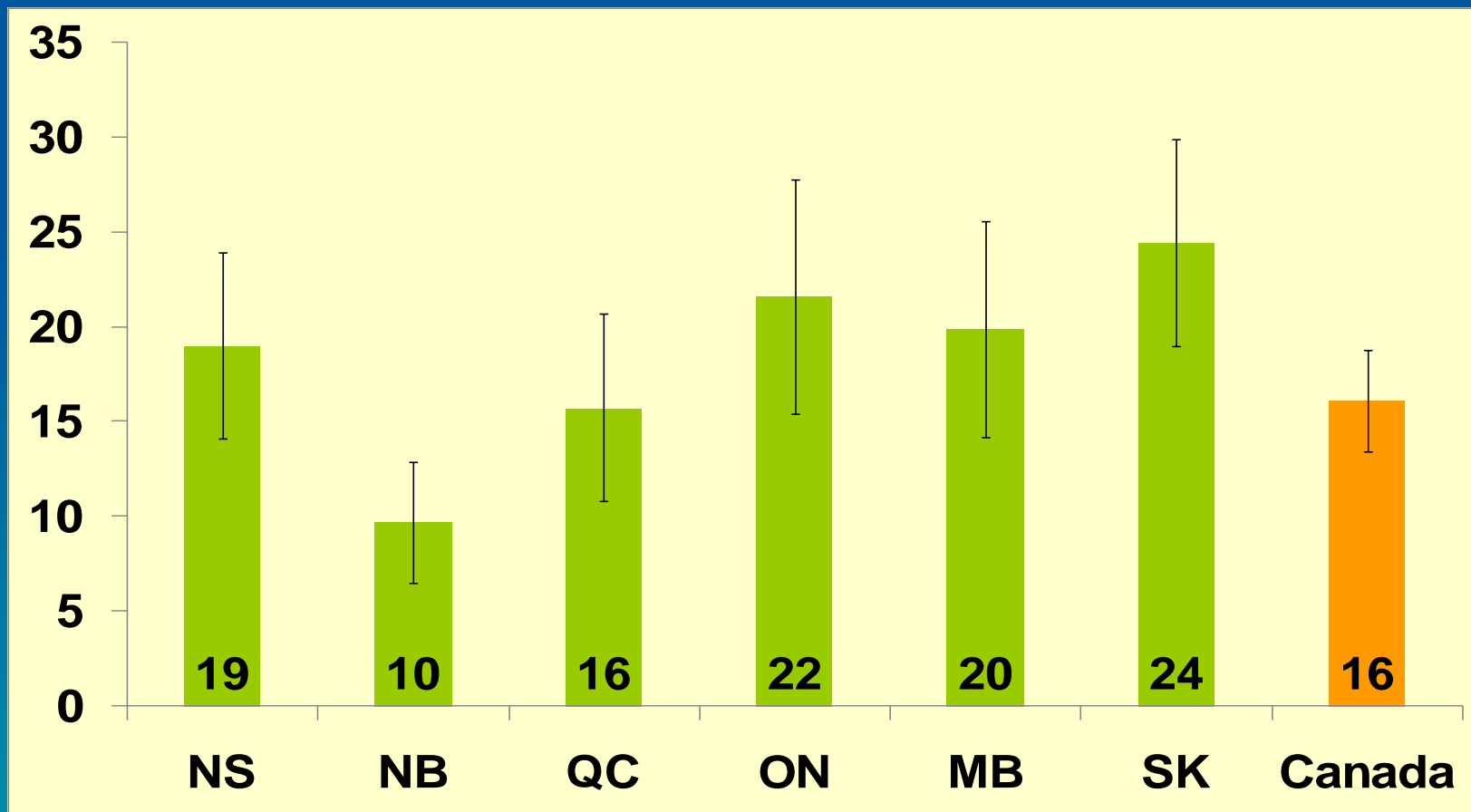
- CTUMS (Canadian Tobacco Use Monitoring Survey)
 - 2005-2009 age 15+
- OTS (Ontario Tobacco Survey)
 - 2005/6 2007/8 age 18+
- CAMH Monitor
 - 2009 Ontario age 18+

Patterns of Reported Contraband Purchases

% Smokers Reported Purchasing Cigarettes from First Nations Reserves 2005-2009 (CTUMS)



% Smokers Reported Purchasing Cigarettes from First Nations Reserves by Province 2009 (CTUMS)



Estimates for NF, PE, AB and BC unreliable

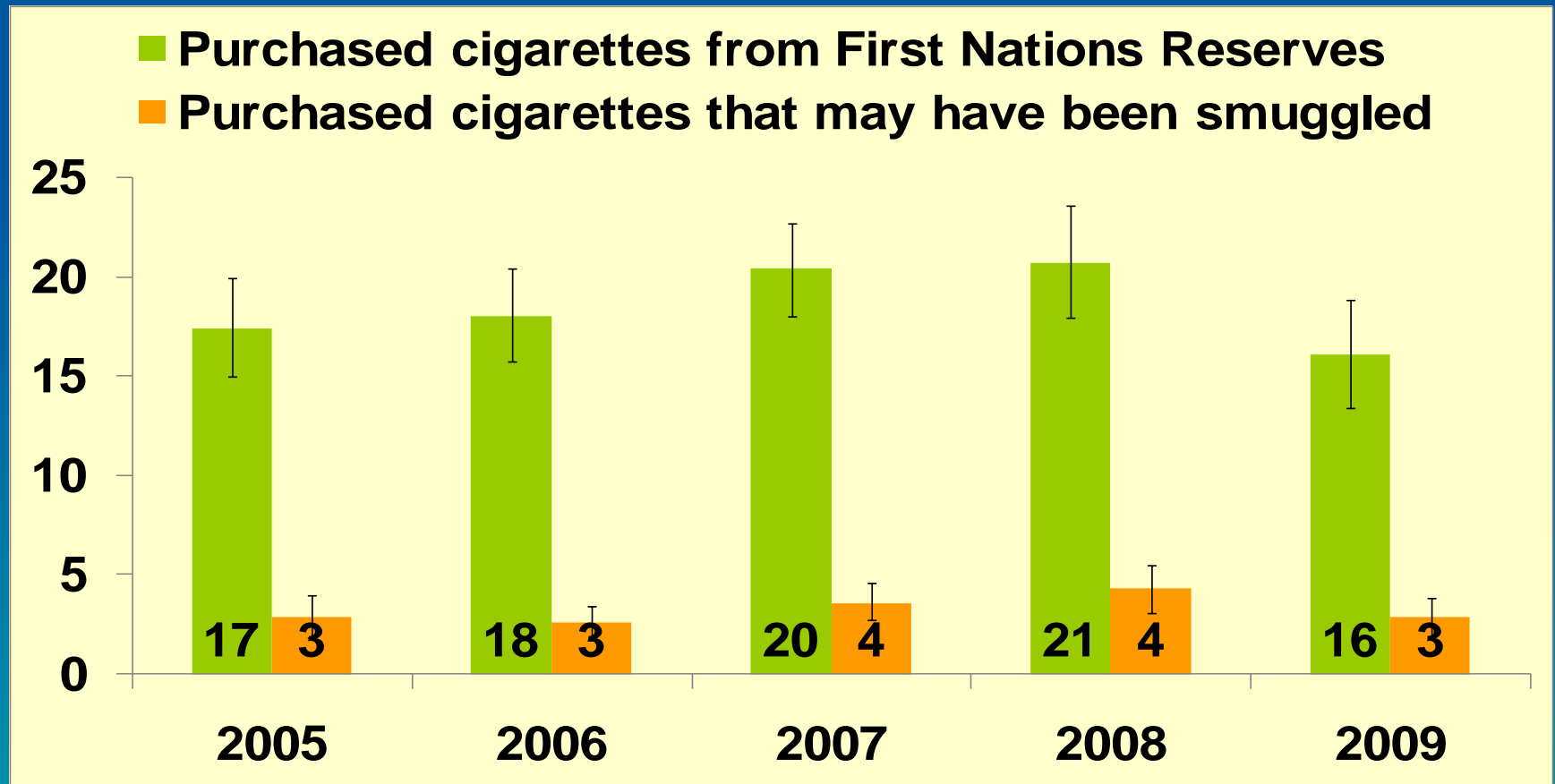


Contraband Purchase is Hard to Measure

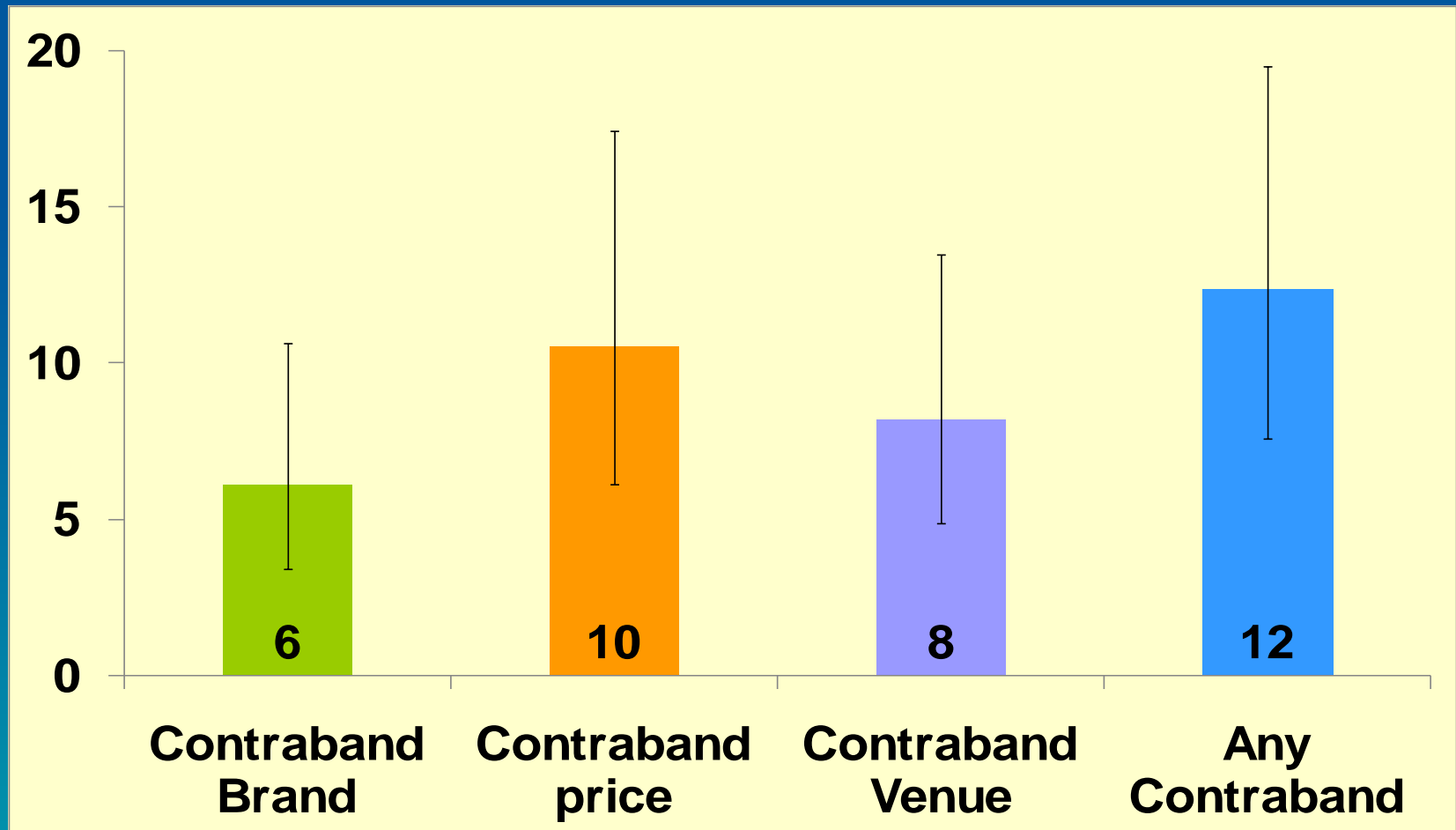
- Purchases “*from reserve*” could include contraband purchased elsewhere (CTUMS)
- Purchases “from or on reserve” may be underreported
- Purchases that “*might have been smuggled*” greatly underreport contraband purchases (CTUMS)
- Questions on brand, price, purchase venue do not clearly define contraband (CAMH Monitor)

Some examples...

% Smokers Reported Purchasing Cigarettes that “may have been smuggled” Canada 2005-2009 (CTUMS)



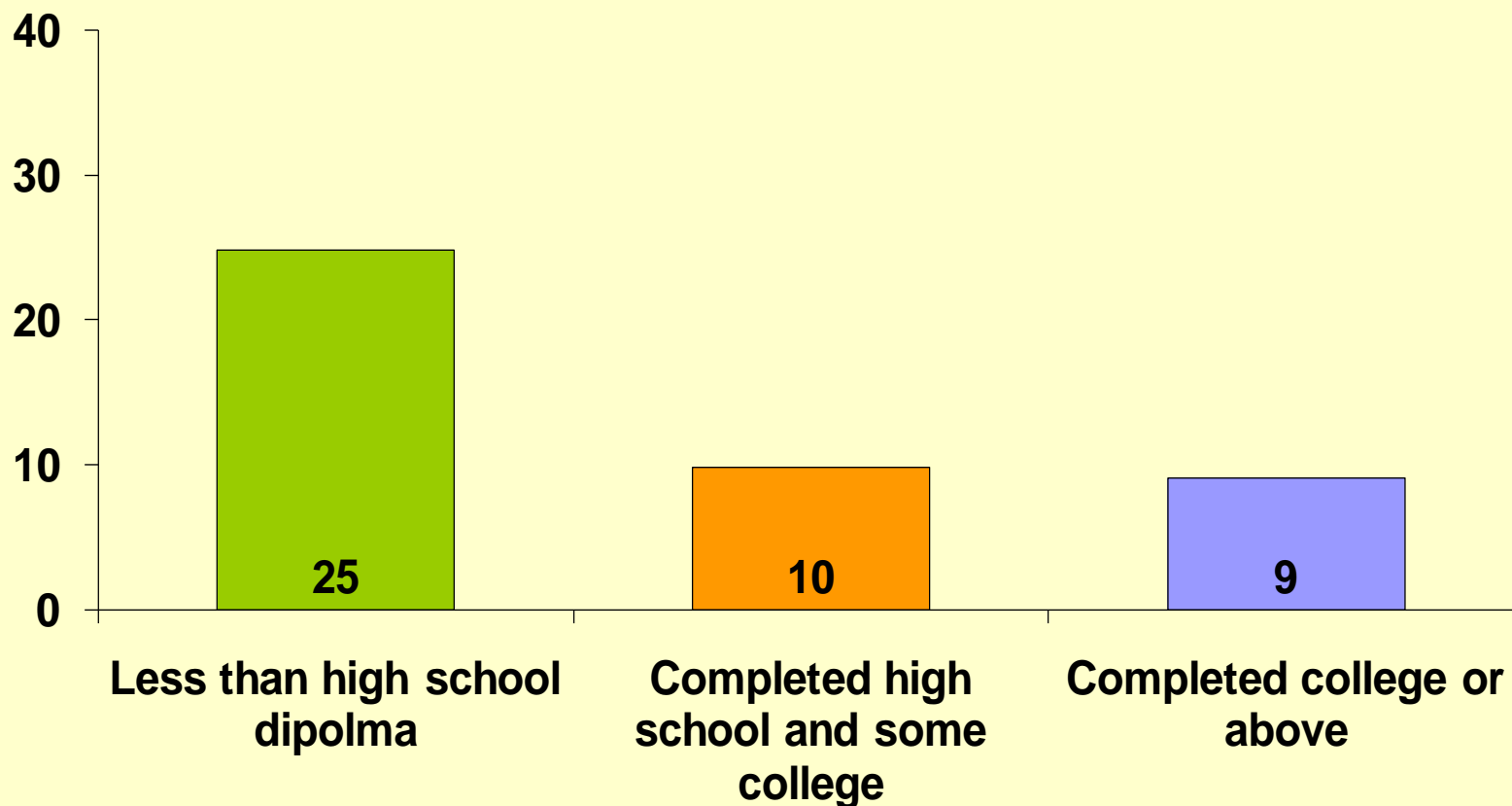
% Smokers Purchasing Contraband Cigarettes based on Three Criteria Ontario 2009 (CAMH Monitor)



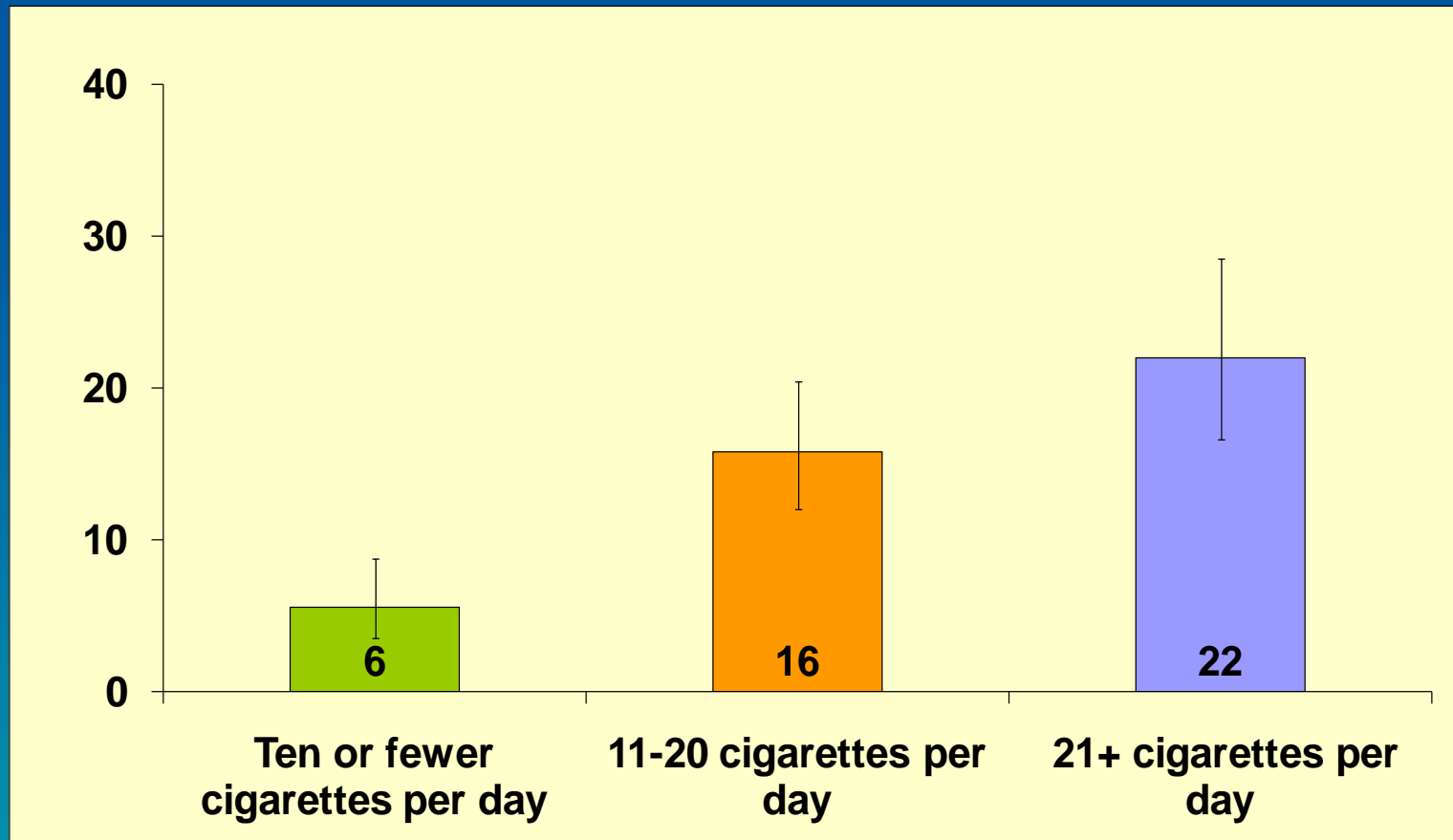
Smokers who Purchase on Reserve are a High Risk Group

- More likely to have less than High School education
- Smoke more cigarettes per day
- More addicted
- Less likely to intend to quit
- No sex difference

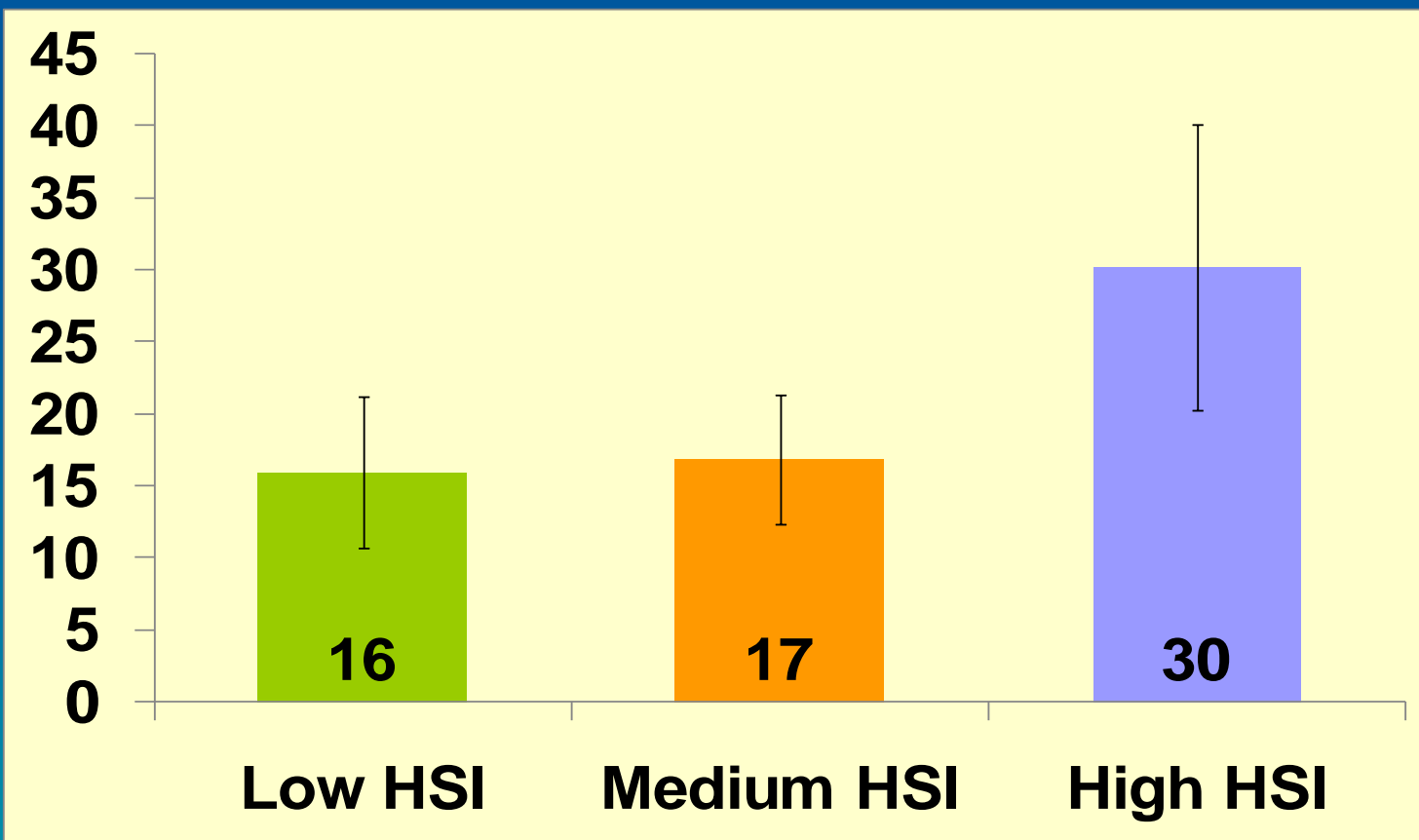
% Smokers Reported Purchasing Cigarettes on Reserves by Education Ontario 2005/6 (OTS)



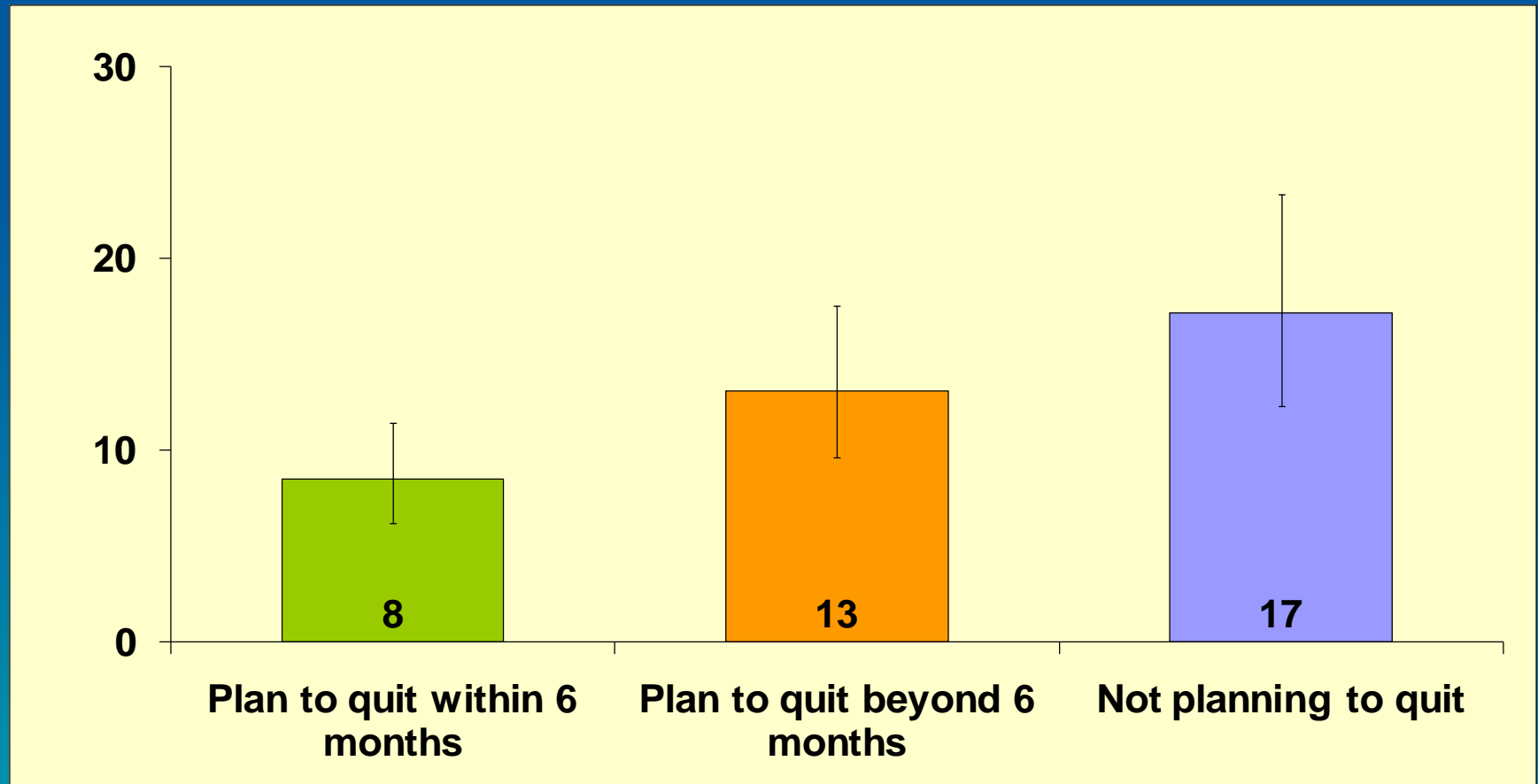
% Smokers Purchased Cigarettes on Reserves by Cigarettes Smoked Ontario 2005/6 (OTS)



% Daily Smokers Purchased Cigarettes from Reserves, by Heaviness of Smoking Index Canada 2009 (CTUMS)

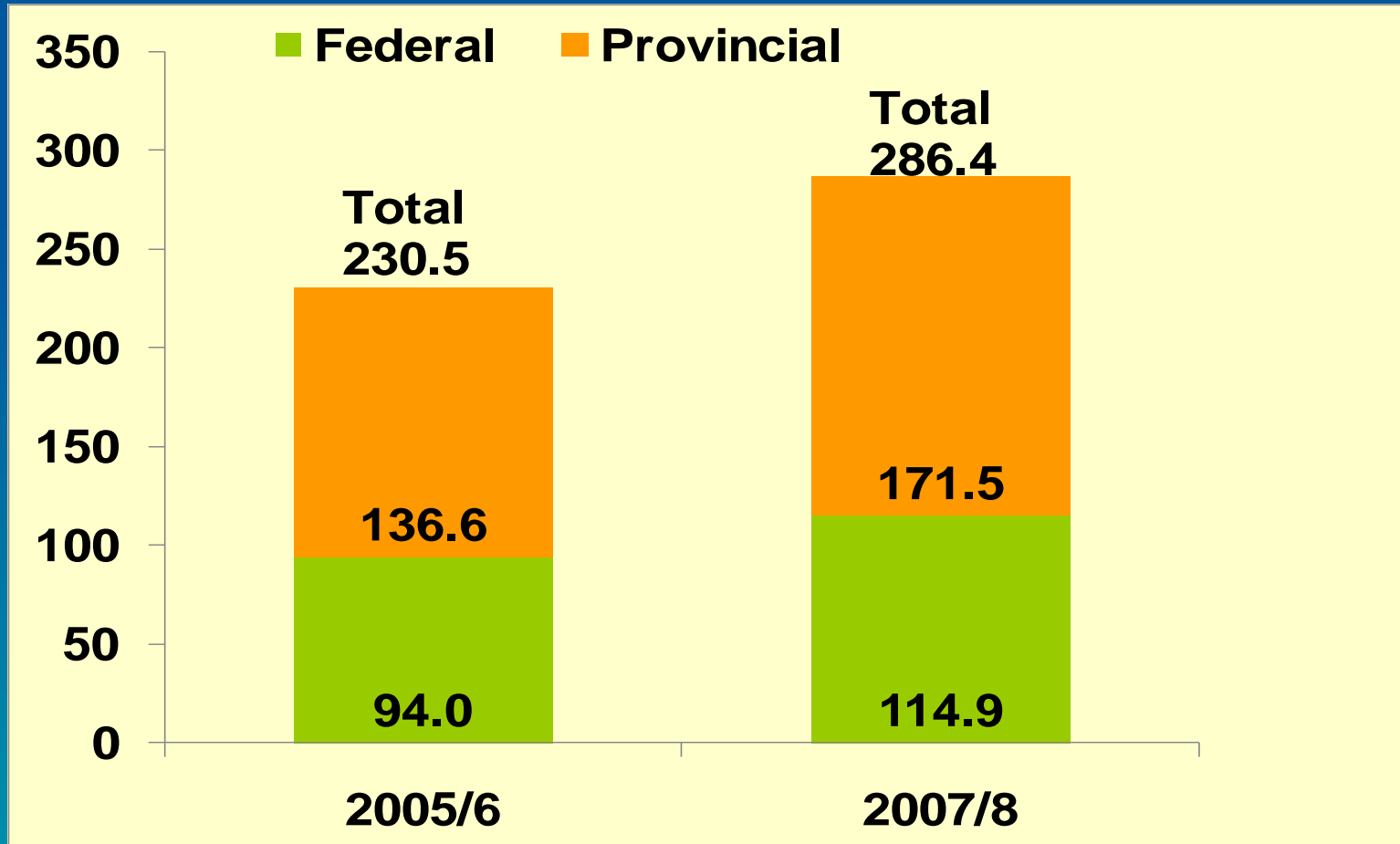


% Smokers (Age 18+) Reported Purchasing Cigarettes on Reserves by Quit Intention Ontario 2005/6 (OTS)



Contraband Impacts Taxation Revenue

Tax Loss Associated with Cigarettes Purchased on Reserves (CDN\$ Million) Ontario 2005/6 2007/8 (OTS)



Numbers may not add up due to rounding



Summary

- Contraband use remains significant
- May have declined in 2009
 - Small proportions make changes hard to determine
 - Purchase patterns may have shifted from reserves
- Contraband users are a high risk group
- Contraband impacts taxation revenue
- New research required