













# Global Privacy of Data International Survey

Summary report November, 2006







## **Table of Contents**

- 3 Methodology
- 4 Knowledge of Surveillance Technology & Privacy Laws
- **10** Privacy Protection & Personal Experiences of Privacy Invasion
- 16 Knowledge, Privacy Invasion and Resistance
- 20 Media Coverage of Privacy & National Security Issues
- **25** Level of Trust in Organizations Gathering Personal Information
- **32** Extent of Say in What Happens to Personal Information
- 37 Information Sharing by Government, Private Sector Organizations and Employers
- 43 Laws Aimed at National Security & Surveillance
- **47** Community and Employer Surveillance
- 51 Airport Surveillance & Collection of Traveler Information
- **58** Summaries by Country
- 66 Demographics





## Methodology

#### • A total of 7088 respondents from 7 countries completed the survey:

- Canada: 1001 (June 26-July 21, 2006)
- U.S.A.: 1000 (June 27-July 28, 2006)
- France: 1002 (June 27-July 8, 2006)
- Spain: 1000 (June 30-July 11, 2006)
- Hungary: 1005 (June 27-July 9, 2006)
- Mexico: 1080 (July 25-Aug 5, 2006)
- Brazil: 1000 (July 4-July 7, 2006)

#### • Participants were asked to complete a 20-25 minute survey.

- Interviews in Canada, U.S.A., France, Spain and Hungary were administered over the telephone using CATI technology. Respondents were screened to ensure nationally representative samples based on gender, age and regional distribution.
- In Mexico and Brazil, interviews were conducted in-person. Quasi national sampling was employed in these countries, where urban samples were used instead of a nationally-representative sample.
- For detailed information on the methodology please see the Methodology document.















## Knowledge of Surveillance Technology & Privacy Laws



## Knowledge of Internet, Personal Location Technologies & Privacy Laws

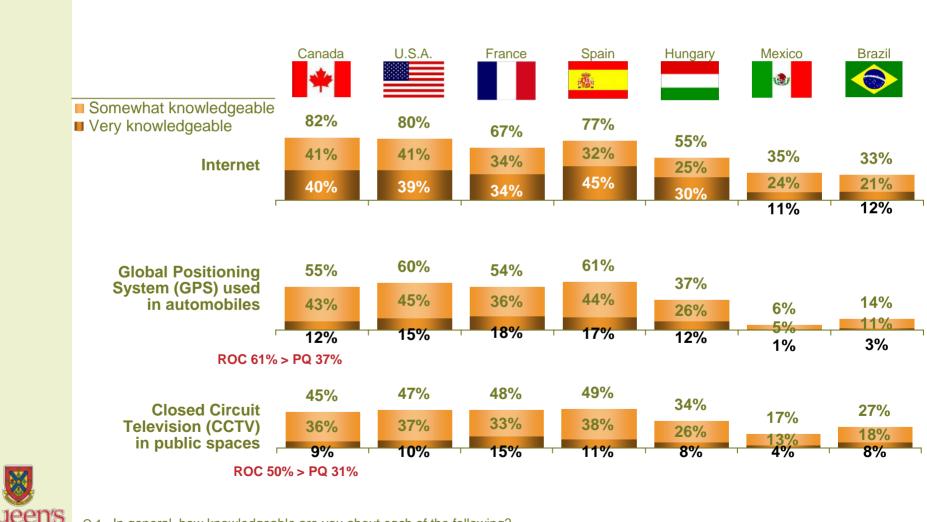
- Canada, US, France and Spain tend to be more knowledgeable of the Internet and other personal location technologies than the rest of the countries surveyed.
- Most citizens (especially in Hungary) do not consider themselves knowledgeable about laws protecting information in government departments. Among the knowledgeable, there is scepticism about the effectiveness of these laws.
- Most citizens are not knowledgeable about laws to protect their information held by private companies. Among those who have some knowledge, many do not expect those laws to be effective.





## **Knowledge of Surveillance Technology**

Canada, US, France and Spain tend to be more knowledgeable of the Internet and other personal location technologies than the rest of the countries surveyed.

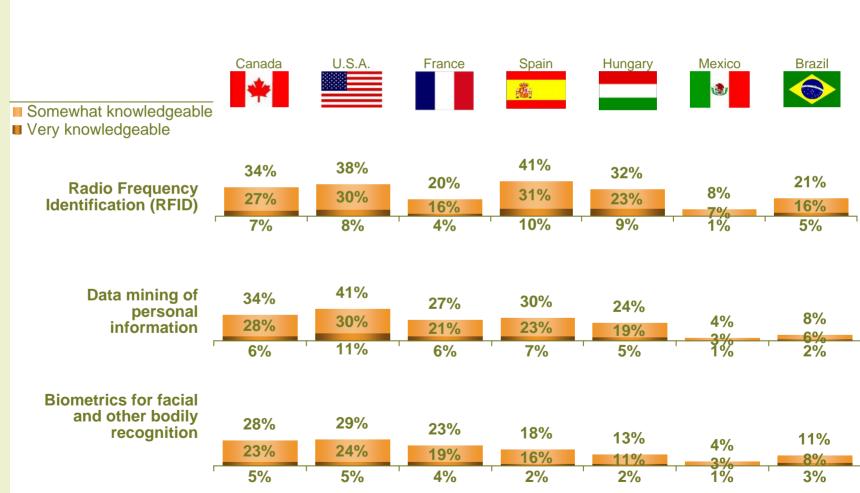


Q.1 In general, how knowledgeable are you about each of the following?



### Knowledge of Surveillance Technology (Cont'd)

Mexico and Brazil are the least knowledgeable of personal identification technologies.





Base: All respondents

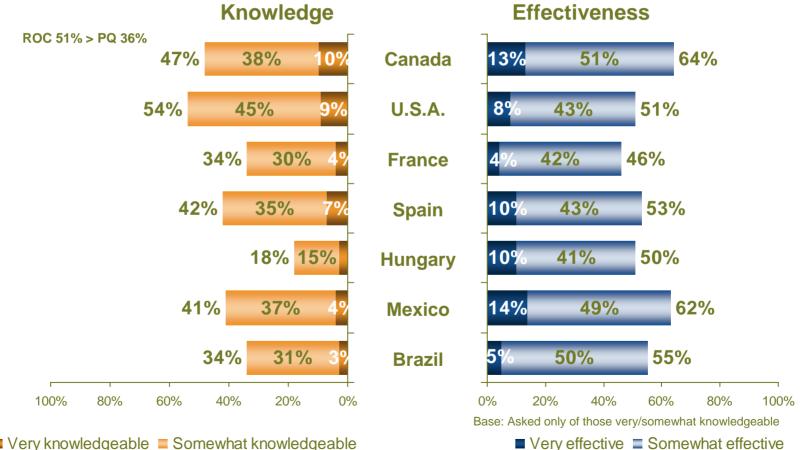
Q.1 In general, how knowledgeable are you about each of the following?



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### **Knowledge And Effectiveness of Laws to Protect Personal Information in Government Departments**

Most citizens (especially in Hungary) do not consider themselves knowledgeable about laws protecting information in government departments. Among the knowledgeable, there is scepticism about the effectiveness of those laws, with about half assuming they are not effective and only a handful considering them "very effective".



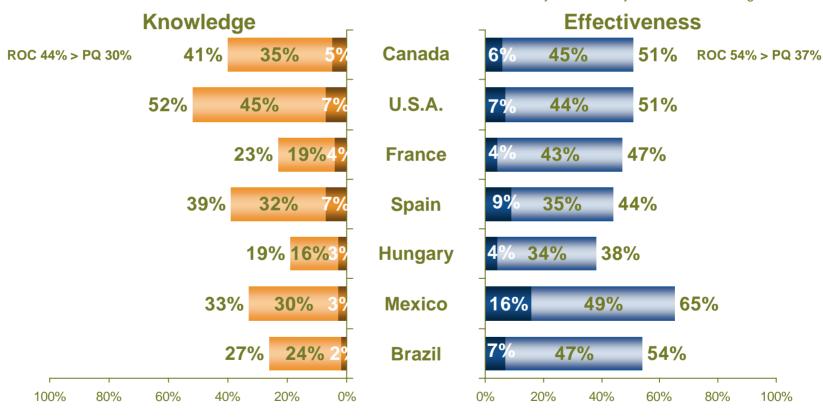
Very knowledgeable Somewhat knowledgeable Base: All respondents

How knowledgeable are you about the laws that deal with the protection of personal information in government departments and private companies in Q.3 your country? Q.4 To what extent do you believe laws are effective at protecting your personal information that is held by government departments and private companies?



### Knowledge And Effectiveness of Laws to Protect Personal Information in <u>Private Companies</u>

Most citizens are not knowledgeable about laws to protect their information held by private companies. Among those who have some knowledge, many do not expect those laws to be effective



Base: Asked only of those very/somewhat knowledgeable

Very effective Somewhat effective

#### Very knowledgeable Somewhat knowledgeable

Base: All respondents

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- Q.3 How knowledgeable are you about the laws that deal with the protection of personal information in government departments and private companies in your country?
- Q.4 [IF SOMEWHAT/VERY KNOWLEDGEABLE ASK:] To what extent do you believe laws are effective at protecting your personal information that is held by government departments and private companies?















## Privacy Protection & Personal Experiences of Privacy Invasion



Privacy Protection and Personal Experiences Relating to/Things Done to Protect Against Breach of Privacy

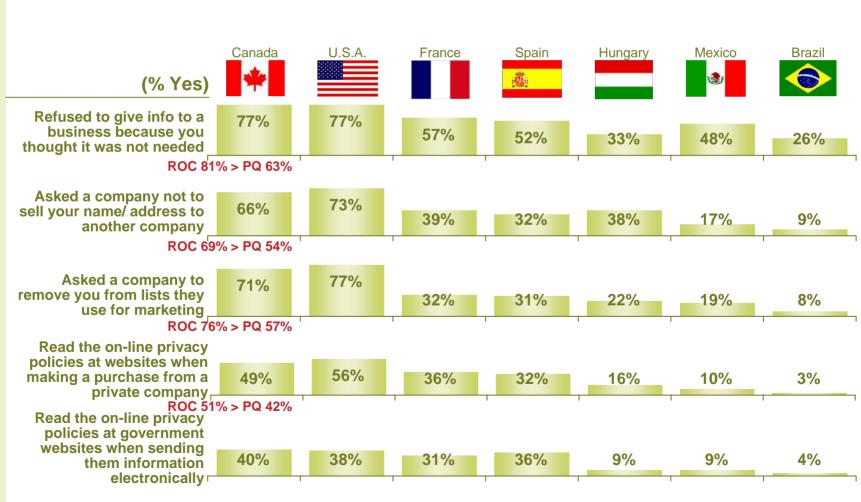
- Canadians and Americans tend to be more protective of their personal information than are citizens of other countries.
- Personal experiences of privacy invasion are not very common in any of the countries surveyed. But Americans and Canadians tend to have the most experience when it comes to breach of privacy. Brazilians report almost no such experiences.
- Credit card fraud and identity theft appear to be the most prevalent in Canada and the USA.





## Things Done to Protect Personal Information

Canadians and Americans tend to be more protective of their personal information than are citizens of other countries.



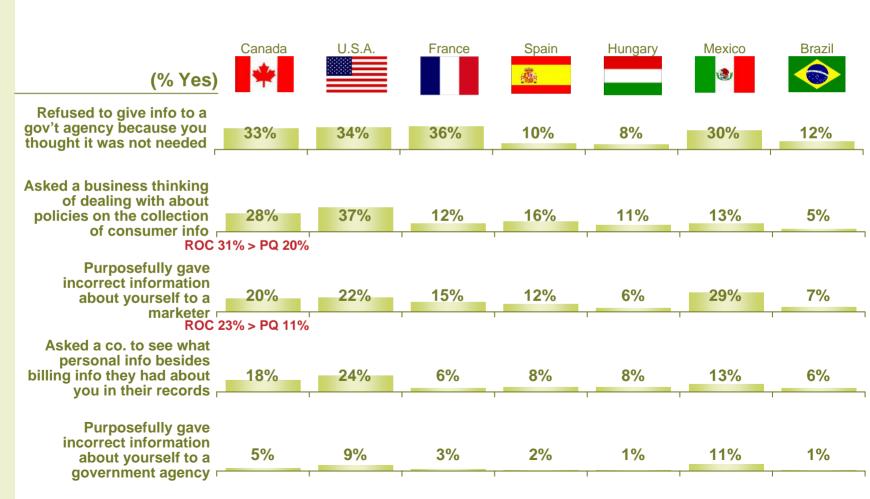
#### Base: All respondents

Q.7 Have you ever done the following for the purpose of protecting your personal information?



## Things Done to Protect Personal Information (Cont'd)

Purposefully giving incorrect information to a government or private agency to protect private information is not something that most citizens would do to protect their personal information.



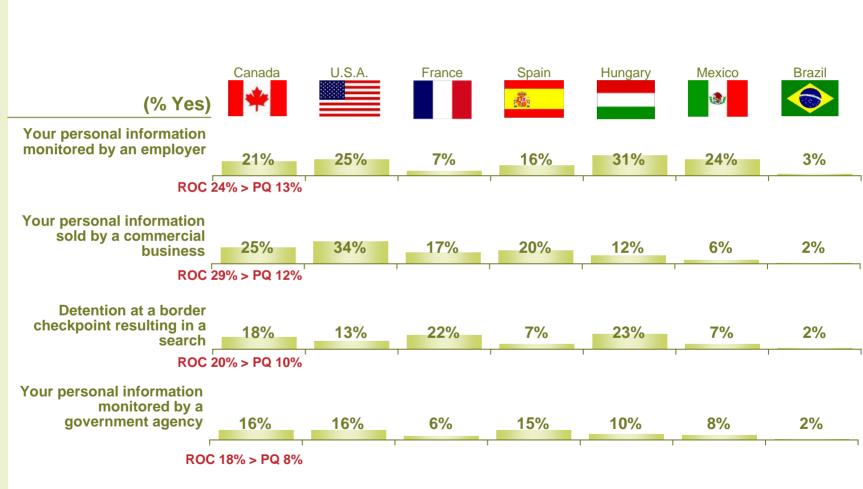
Base: All respondents

Q.7 Have you ever done the following for the purpose of protecting your personal information?



## Personal Experiences of Breach of Privacy

Compared to other countries, Brazil has the least experience when it comes to breach of privacy.



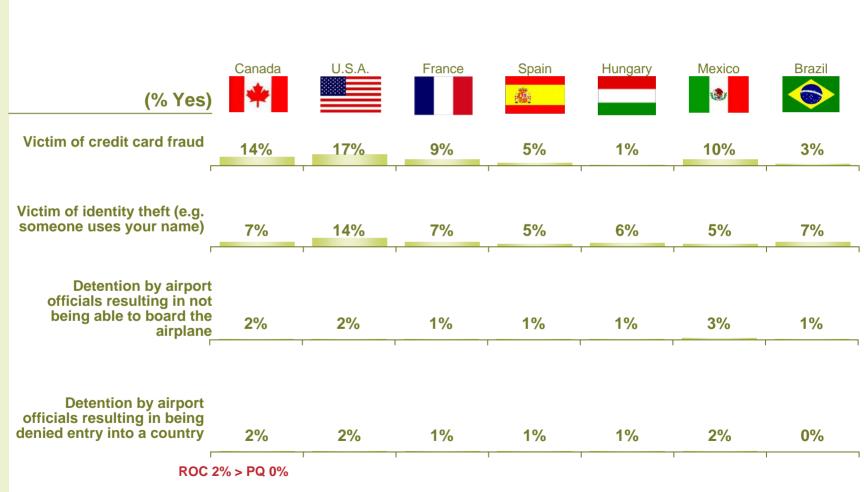


Base: All respondents Q.8 Have you personally, to the best of your knowledge, ever experienced any of the following?



## Personal Experiences of Breach of Privacy (cont'd)

Credit card fraud and identity theft appear to be most prevalent in Canada and the USA.





Base: All respondents Q.8 Have you personally, to the best of your knowledge, ever experienced any of the following?

## Knowledge, Privacy Invasions and Resistance

Exploring the relationship between knowledge of surveillance technology, experiences of breaches of privacy and things done to protect privacy

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Exploring the relationship between knowledge of surveillance technology, experiences of breaches of privacy and things done to protect privacy

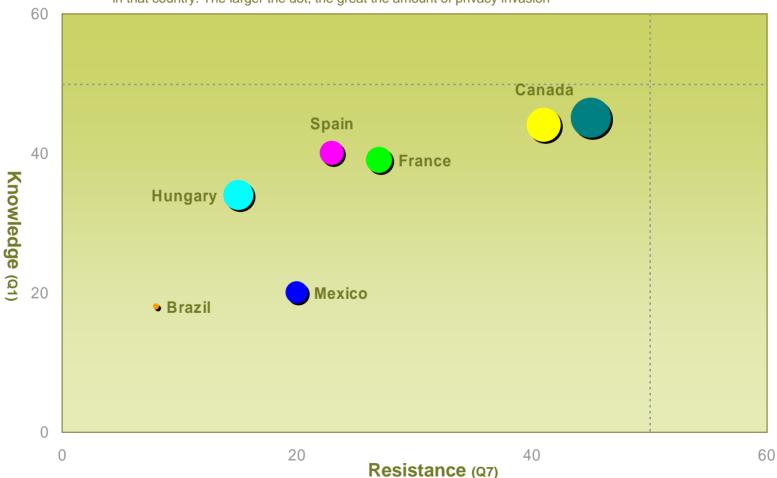
- Knowledge of how one can be monitored may or may not lead one to put up more resistance to surveillance.
- Likewise, having experienced invasions of one's privacy could increase the number of things done to protect privacy.
- The relationship varies, however, by culture.
- On the following chart we explore, on a national level, the relationship between these three domains.
  - Knowledge was measured using a summated rating scale created from the answers to Q1. Resistance was measured as a count of the number of things done to protect privacy at Q7. Experiences of privacy invasion was measured as a count of breaches of privacy at Q8.



The knowledge and resistance scales had good internal consistency (Cronbach's alpha of .80 and .77 respectively). The measure of privacy invasion had less internal consistency (alpha .52), but that was due to the fact most people are not aware of any breaches of their privacy. All scales were transformed to a min-max of 0-100 where 100 is the greatest (knowledge, resistance, experience of invasion) and 0 the least.



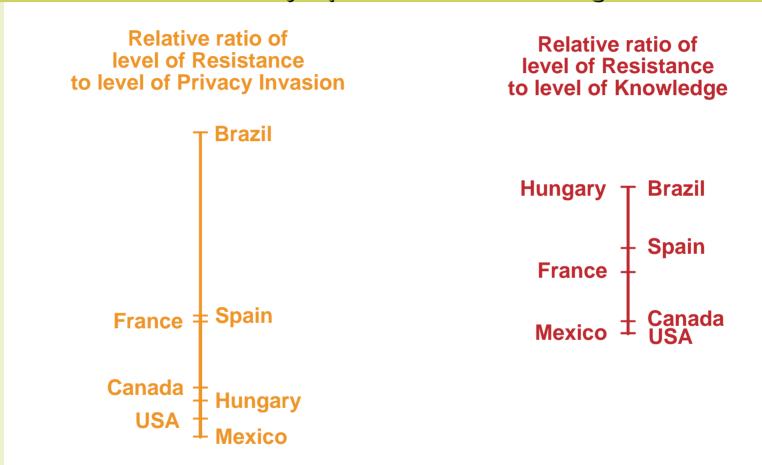
There is a notable relationship with between knowledge and resistance, with countries reporting greater levels of knowledge also showing higher levels of resistance—but there are differences between cultures. There also appears to be some relationship between resistance and the level of privacy invasion experienced, but there is greater variation by country



Size of the dot indicates the relative amount of privacy invasion people are aware they have experienced in that country. The larger the dot, the great the amount of privacy invasion



We explored the relative ratio between resistance and knowledge, and resistance and experience of privacy invasion. Brazil stands apart as having a high level of resistance relative to the experience of privacy invasion. Across North America, levels of resistance are basically equal to level of knowledge





Note: a previous version of this report had erroneous data for the resistance to privacy ratio. Apologies for any confusion or inconvenience this may have caused

## Media Coverage of Privacy & National Security Issues

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## Media Coverage of Privacy & National Security Issues

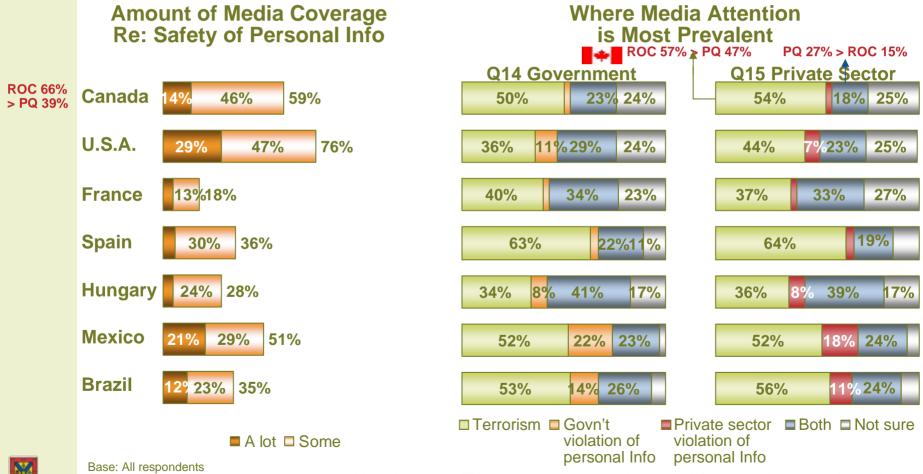
- US and Canada get the most media coverage when it comes to safety of personal information. The majority of citizens in most countries think that terrorism gets the most media attention.
- The majority of citizens are in agreement that the media focuses more on celebrities, government officials and high-income groups than on the poor and the disadvantaged.





## Attitude Towards Media Coverage of Privacy & Issues on National Security

US and Canada get the most media coverage when it comes to safety of personal information. The majority of citizens in most countries think that terrorism gets the most media attention—relative to public or private sector violations of personal privacy.



22 **V** Queens

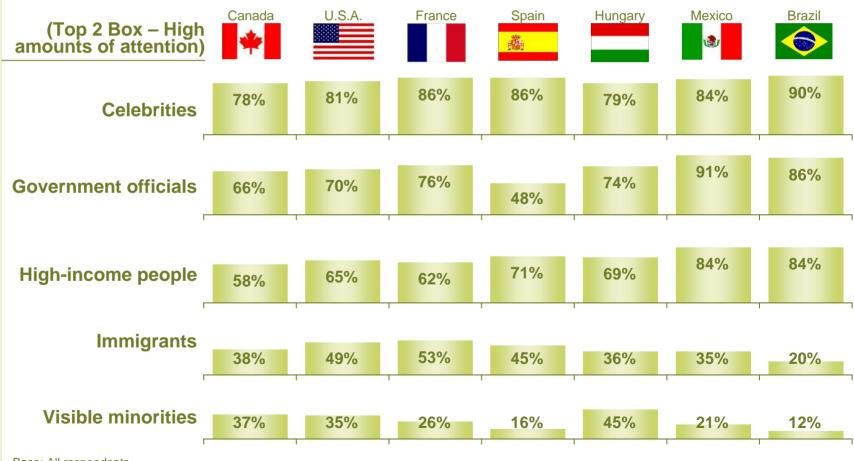
Q.13 How much coverage have you seen or heard through the media (TV, radio, newspapers, magazines, online information, advertisements) regarding concerns about the safety of your personal information?
 Q.14 In your opinion, would you say the media pays, "more attention to stories about **government** violation of person privacy of citizens"?

Q.14 In your opinion, would you say the media pays...."more attention to stories about **government** violation of person privacy of citizens"? Q.15 Would you say the media pays....."more attention to stories about **private sector** violation of person privacy of consumers"?



## **Attitudes Towards Media Attention Given to Different Social Groups' Privacy of Personal** Information

The majority of citizens feel that celebrities, government officials and high income people get more media coverage of privacy of personal information than do immigrants and visible minorities.



Base: All respondents

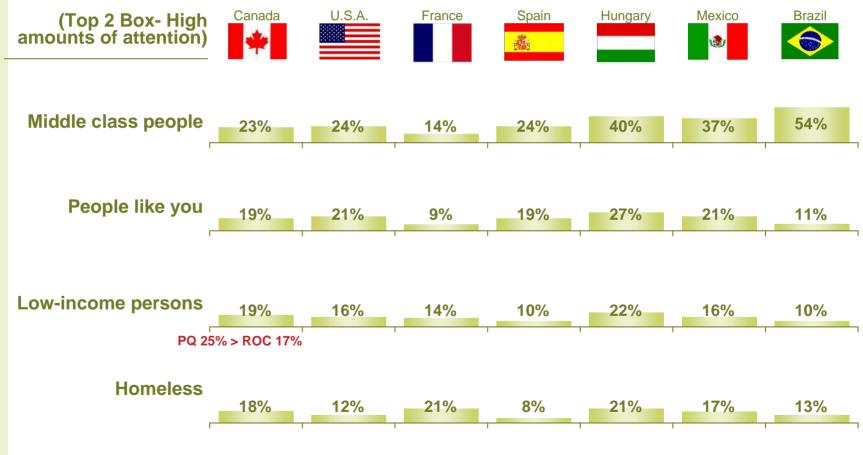
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Q.16 When it comes to media coverage of privacy of personal information, in your opinion, how much attention does each of the following groups receive by the media?



## Attitudes Towards Media Attention Given to Different Social Groups' Privacy of Personal Information (Cont'd)

Most citizens feel that the media does not give much media coverage of privacy of personal information to the poor and the homeless.



Base: All respondents

Q.16 When it comes to media coverage of privacy of personal information, in your opinion, how much attention does each of the following groups receive by the media?





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## Level of Trust on Organizations Gathering Personal Information

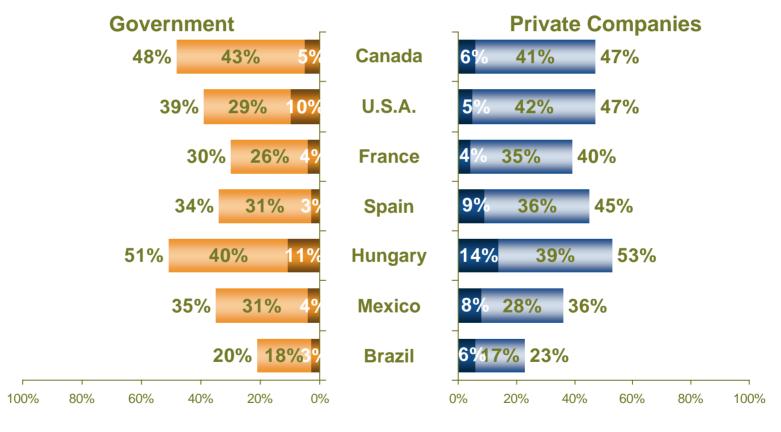
- A minority of people trust that their government or private companies will do an appropriate job of protecting their personal information. Just a handful have very high levels of trust. People in Brazil are especially sceptical. In most countries, there is more trust in corporations than in the government.
- In most countries, a majority of people are worried about providing personal information on websites.
- Except for Brazil, at least half of citizens in all countries think it is acceptable for businesses to use customer profile information to inform them of products and services that might interest them.
- There is no relationship between how people feel about businesses creating profiles of their customers and their membership in rewards-type customer profiling programs.





## Level of Trust That Government/ Private Companies Will Protect Citizen/Customer Personal Info

A minority of people trust that their government or private companies will do an appropriate job of protecting their personal information. Just a handful have "very high" levels of trust. People in Brazil are especially sceptical. In most countries there is more trust in corporations than in the government.



#### Very high Reasonable high

Base: All respondents

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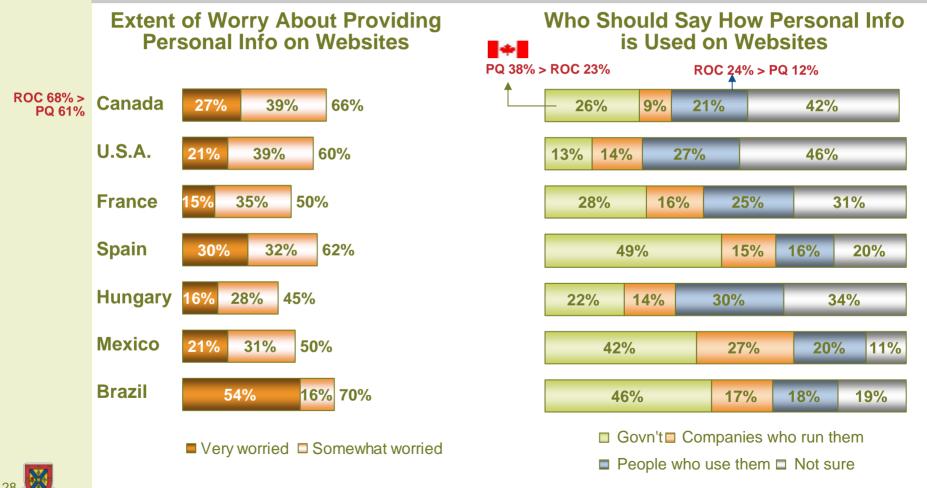
Q.5 When it comes to the privacy of personal information, what level of trust do you have that government is striking the right balance between national security and individual rights?

Very high Reasonably high

Q.6 What level of trust do you have that private companies, such as banks, credit card companies and places where you shop, will protect your personal information?

## Attitude Toward Providing Personal Information on Websites and How it is Used

In most countries, a majority of people are worried about providing personal information on websites. Many people—especially Canadians and Americans—are not sure about who should have the most say over how companies use their websites to track personal information online.



#### Base: All respondents

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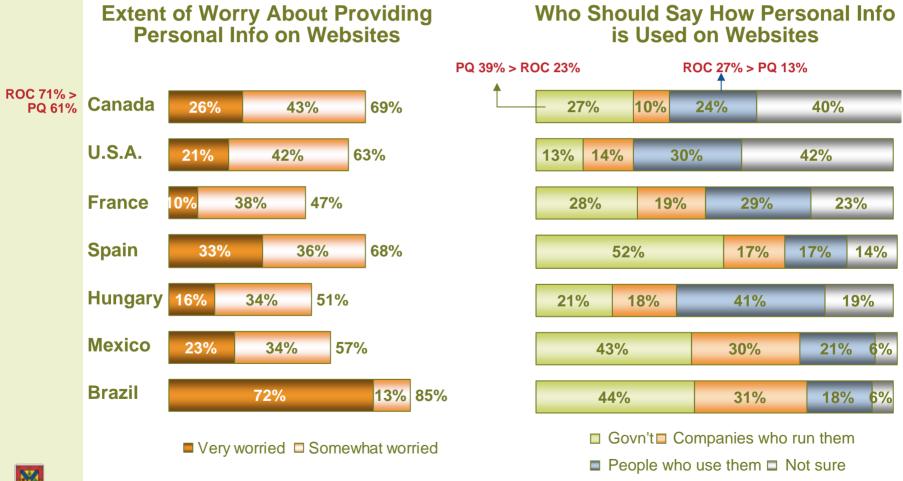
lpsos

Q.11 When it comes to privacy, how worried are you about providing personal information on websites, such as your name, address, date of birth, and gender? Q.12 Who do you think should have the most say over how companies use their websites to track people's activities and personal information online?



### Attitude Toward Providing Personal Information on Websites (Internet Users Only)

Among internet users, at least half are worried about providing personal information on websites. Brazilian internet users are the most worried group.



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Base: Respondents who use internet (Canada=829, U.S.A.=822, France=689, Spain=729, Hungary=477, Mexico=530, Brazil=193) Q.11 When it comes to privacy, how worried are you about providing personal information on websites, such as your name, address, date of birth, and gender? Q.12 Who do you think should have the most say over how companies use their websites to track people's activities and personal information online?



## Attitudes Towards Businesses Creating Profiles of Customers

Except for Brazil, at least half of citizens in all countries think it is acceptable for businesses to use customer profile information to inform them of products and services that might interest them.



Very acceptable Somewhat acceptable



Base: All respondents

Q.28 Many businesses create profiles about their customers that include information about purchasing habits, personal characteristics and credit history. How acceptable to you would it be for a business to use information from your customer profile to inform you of products or services that they think would be of interest to you?



Attitude toward Business Creation of Customer Profiles and Membership in Rewards Programs

- There is no relationship between how people feel about businesses creating profiles of their customers and their membership in rewards-type customer profiling programs (Q27). Either people don't know, or they don't care.
- Acceptability of business creating profiles (Q28):

		% in 1+ programs	Average # programs
_	Very acceptable	53%	2.5
_	Somewhat acceptable	50%	1.8
_	Somewhat unacceptable	51%	2.4
_	Very unacceptable	48%	2.4

















## Extent of Say on What Happens to Personal Information

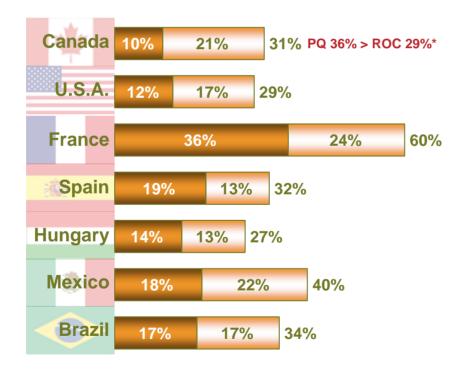
- The majority feel they do not have much say in what happens to their personal information. Only in France do a large proportion feel empowered.
- When presented with the vignettes, the French are among the least likely to feel that the character in the scenario had a lot of control over their information. The Spanish and Mexicans tend to view the characters as having the most say in what happened to their personal details.





## Extent of Say on What Happens to Personal Information

The majority feel they do not have much say in what happens to their personal information. Only in France do a large proportion feel empowered.





Complete say A lot of say

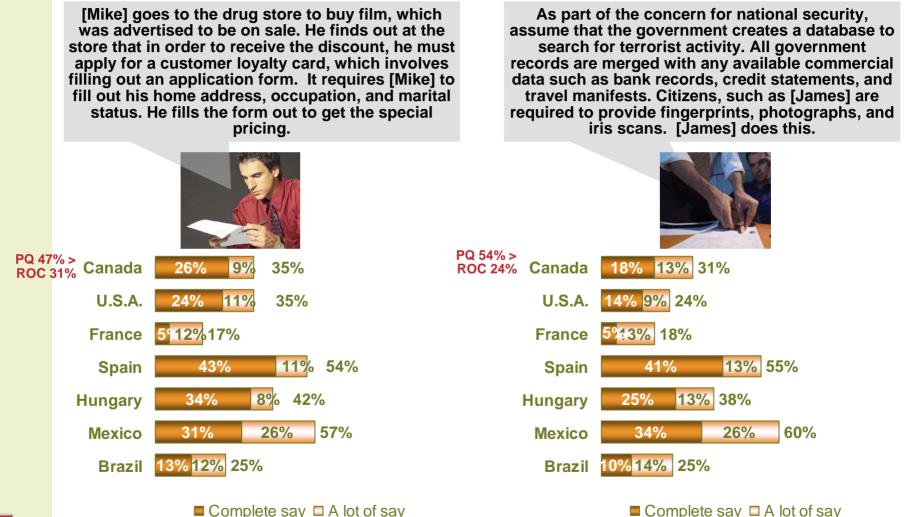
Base: All respondents

Q.2 To what extent do you have a say in what happens to your personal information?

\* Note: Difference in PQ is quite possibly due to the translation of "a lot of say" as «raisonnablement voix au chapitre». A more literal translation was used in France



## Extent of Say on What Happens to Personal Info Collected by Private and Government Organizations



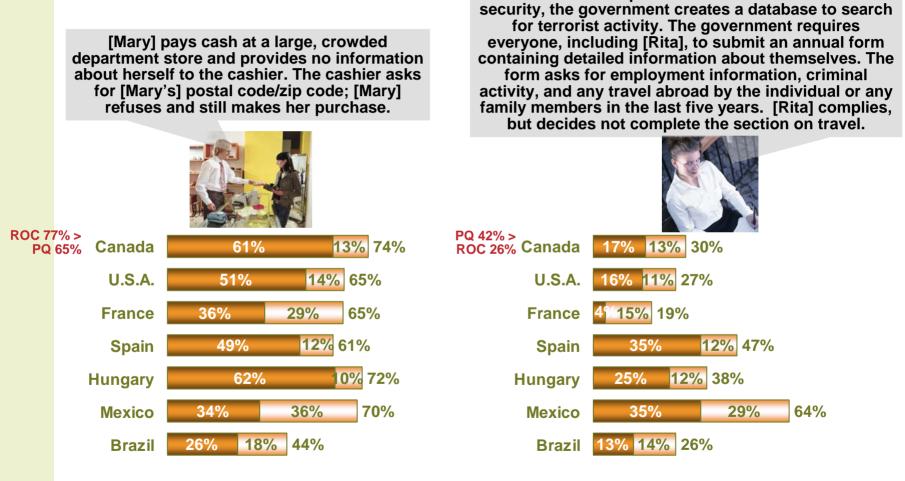


Base: All respondents Q.29/30 To what extent does [Mike/Mary] have a say in what happens to his/her personal information?

Complete say A lot of say



Extent of Say on What Happens to Personal Info Collected by Private and Government Organizations





■ Complete say ■ A lot of say

Complete say A lot of say

Assume that as part of the concern for national





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### Information Sharing by Government, Private Sector Organizations and Employers

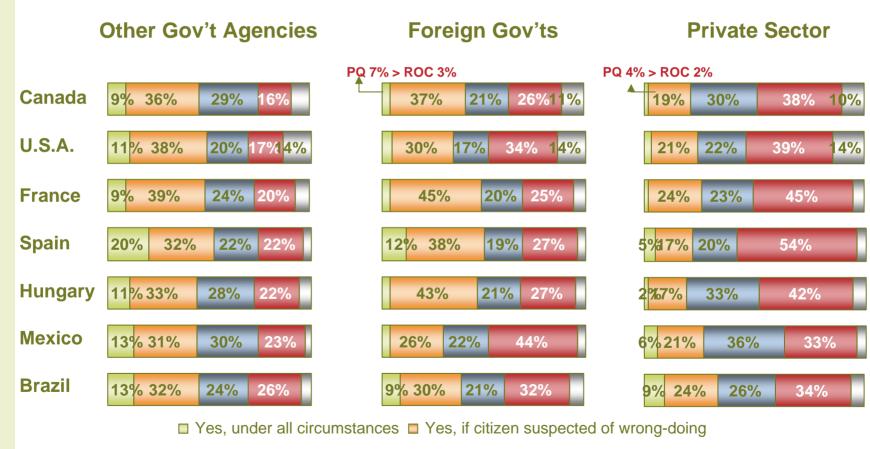
- The majority of citizens of all countries are accepting of having their personal information shared with government agencies, though less so when the third party is a foreign government agency.
- People are much less open to the idea of personal information held by government agencies going to private sector organizations.





### Attitude Towards <u>Government's</u> Sharing of Citizen's Personal Info to Third Parties

Citizens are not as open to their government's sharing of citizen information with private companies as they are with sharing with other government agencies or other governments.



Yes, with expressed consent of citizen No Not sure

#### Base: All respondents

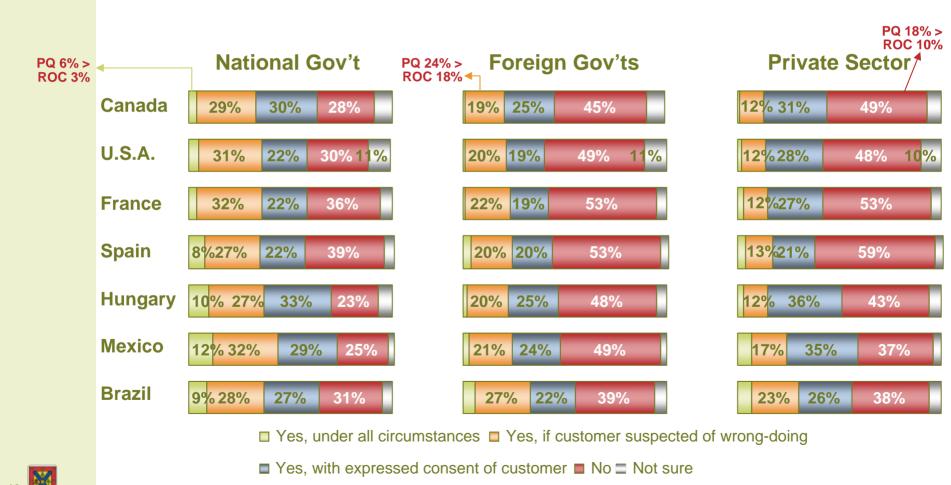
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Q.18 To what extent do you think it is appropriate for a government agency to share citizen's personal information with third parties, such as other government agencies, foreign governments and the private sector?



### Attitude Towards <u>Private Sector</u> <u>Organization's</u> Sharing of Customer Personal Info to Third Parties

Citizens are not as open to the idea of sharing of customer info to foreign governments or other private sector organizations as they are to sharing with the national government.



Base: All respondents

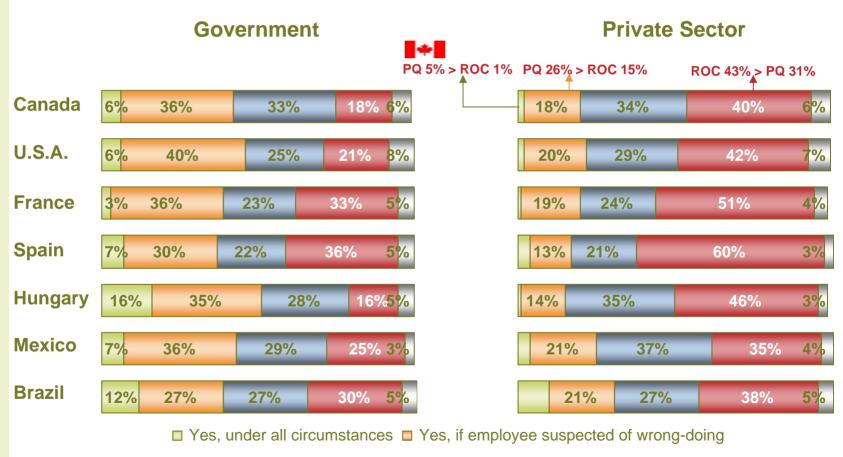
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Q.19 To what extent do you think it is appropriate for a private sector organization to share or sell its customers' personal information with third parties, such as the national government, foreign governments and other private sector organizations?



### Attitudes Towards Employer's Sharing of Employees' Personal Info to Third Parties

The majority think it is appropriate for an employer to share their employees' personal information to the government, but are reticent when it comes to sharing employee information to the private sector.



Yes, with expressed consent of employee No Not sure

#### Base: All respondents

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Q.22 To what extent do you think it is appropriate for an employer to share their employees' personal information with third parties, such as the government or the private sector?



### Patterns of Response in Questions about Sharing Personal Information

- Through counts of patterns of response, and the creation of a cluster analysis-based segmentation, we found that people tended to maintain a consistent pattern of response across this series of questions (Q18, 19, 22).
- Those who thought it was always (or never) acceptable for government to always share citizens information typically felt the same way about the consumer and employee information.



















### Laws Aimed at National Security and Surveillance

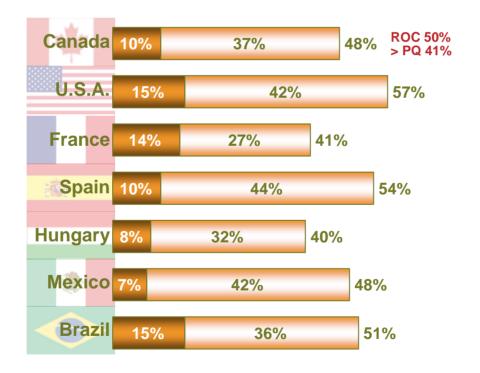
- Except for Hungary and France, about half of all citizens believe that laws aimed at protecting national security are intrusive upon personal privacy.
- Canadians and Americans are more reticent of the idea of national ID cards. They are also the least convinced of the efforts to protect from disclosure the personal information in the national database created to put these ID cards into use.





### Attitude Towards Laws Aimed at Protecting National Security

Except for Hungary and France, about half of all citizens believe that laws aimed at protecting national security are intrusive upon personal privacy.



Highly intrusive Somewhat intrusive



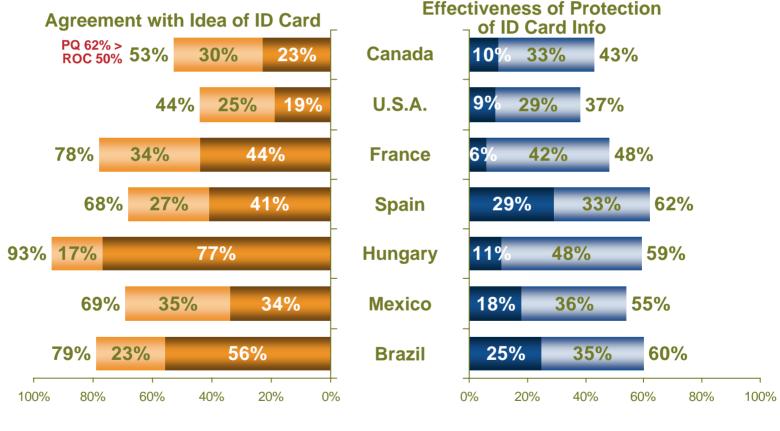
Base: All respondents

Q.17 The government has enacted laws aimed at protecting national security. To what extent do you believe laws aimed at protecting national security are intrusive upon personal privacy?



### **Attitude Towards National ID Cards**

Canadians and Americans are most reticent of the idea of national ID cards. They are also the least convinced of the effectiveness of efforts to protect from disclosure the personal information in the national database created to put these ID cards into use.



#### Strongly agree Somewhat agree

Very effective Somewhat effective

#### Base: All respondents

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Q.9 Some have suggested that everyone should have a government-issued national ID card that they must carry on them at all times and present it when asked by police or other security forces. To what extent would you agree or disagree with this idea?

Q.10 In order to put national ID cards into use, the government would need to have a national database containing personal information on all citizens. How effective do you feel efforts to protect this type of information from disclosure would be?

















### Community and Employer Surveillance



# **Community and Employer Surveillance**

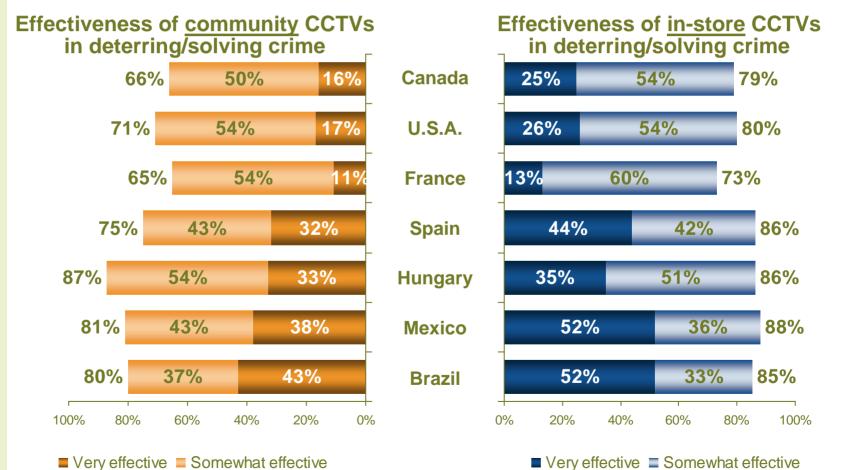
- The majority believe community and in-store CCTVs are at least somewhat effective in reducing crime. In-store CCTVs are more widely seen as effective.
- The French and Spanish object the most to employers' electronically monitoring employees through surveillance cameras and emails. Canadians and Americans are notably more accepting of monitoring of emails, than are people in other countries.





### Attitudes Towards Community and In-Store Surveillance Cameras

The majority believe community and in-store CCTVs are at least somewhat effective in reducing crime. In-store CCTV's are more widely seen as effective





#### Base: All respondents

Q.20 Some communities and private companies are using surveillance cameras, also known as Closed Circuit Television or CCTVs, to monitor public places in order to deter crime and assist in the prosecution of offenders. In your opinion, how effective are they in reducing crime?



### Attitudes Towards Employers Electronic Surveillance of Employees

The French and Spanish object the most to employers' electronically monitoring employees through surveillance cameras and emails. Canadians and Americans are notably more accepting of monitoring of emails, than are people in other countries

9%

#### **Monitoring with Surveillance Cameras Reading e-mails** Canada 17% 17% 37% 20% 12% 31% 22% 31% U.S.A. 29% 16% 10% 27% 17% 27% 15% 27% 22% France 32% 56% 30% 57% Spain 58% 20% 23% 48% **6%11%** 22% 8% Hungary 12% 15% 38% 7%10% 31% 34% 44% Mexico 14% 6%12% 40% 23% 19% 31% 48% **Brazil** 21% 24% 24% 27% 11%10% 24% 48%

.

Yes, with informed consent of employee

#### Base: All respondents

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Q.21 To what extent do you think employers should be allowed to monitor their employees electronically with surveillance cameras and to read the e-mails their employees send or receive on the employer's computers.







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### Airport Surveillance & Collection of Traveller Information

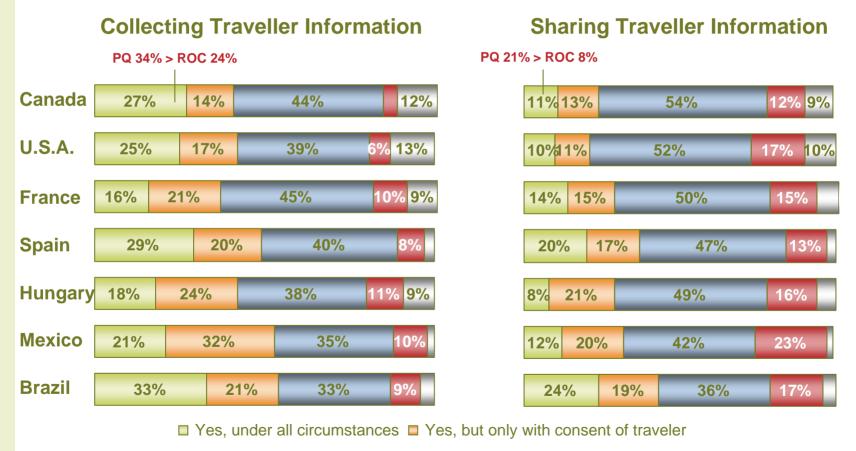
- At least a third of citizens in all countries studied object to the government's collecting and sharing traveller's personal information, unless the traveller is suspected of wrong-doing.
- The French and Spanish are the most likely to feel airport and customs officials respect their privacy.
- The Mexicans and Spanish are more accepting than others of the idea of increased scrutiny of minority groups at airport security checks.





### **Attitudes Towards Government's Right to Collect and Share Travellers' Personal** Information

At least a third of citizens in all countries studied object to the government's collecting and especially sharing travellers' personal information, unless the traveller is suspected of wrong-doing.



■ No, unless suspected wrong-doing by traveler ■ No ■ Not sure

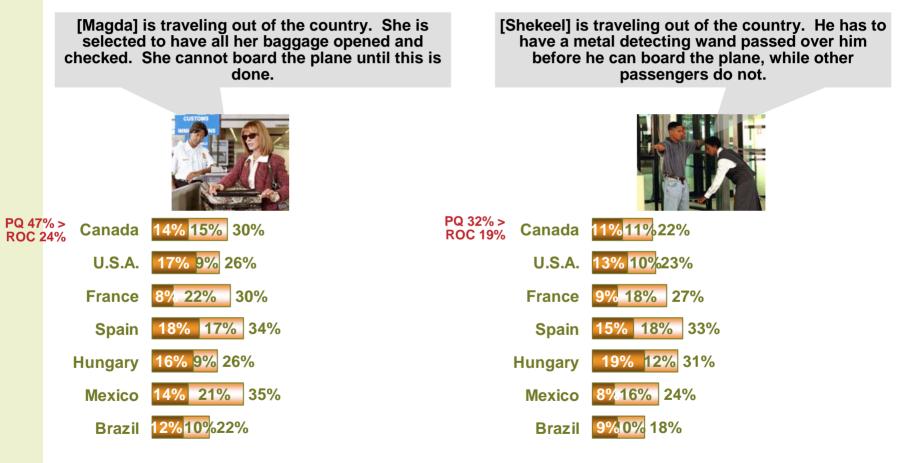
Base: All respondents

Q.24 Do you think the government should have the right to collect personal information about travelers?

lueens Q.25 Do you think the government should be able to share travelers' personal information with foreign governments?



Extent of Say on What Happens to Personal Info Collected by Private and Government Organizations





Completely respected A lot of respect

■ Completely respected ■ A lot of respect



#### Extent of Say on What Happens to Personal Info Collected by Private and Government Organizations



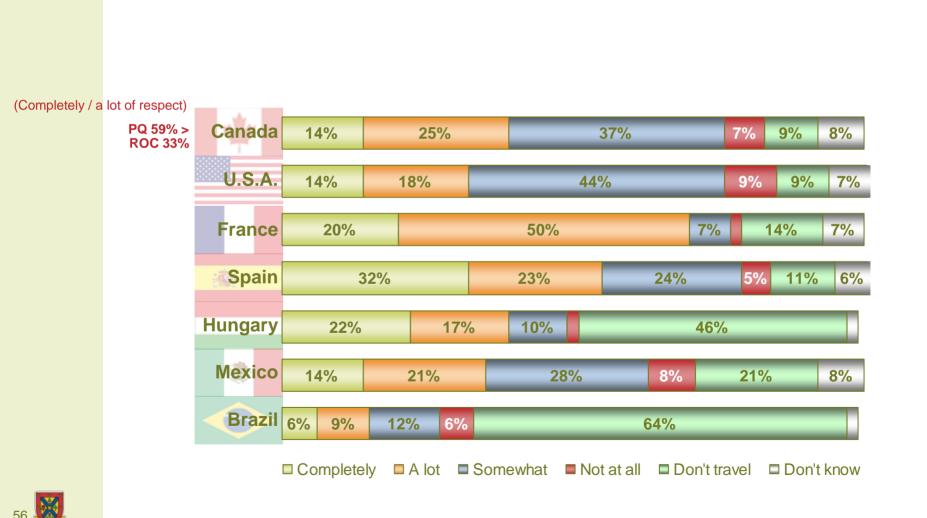


Base: All respondents Q.35/36 To what extent does [Mike/Mary] have a say in what happens to his/her personal information?



### Respect of Privacy Given by Airport and Customs Officials

The French and Spanish are the most likely to feel airport and customs officials respect their privacy.

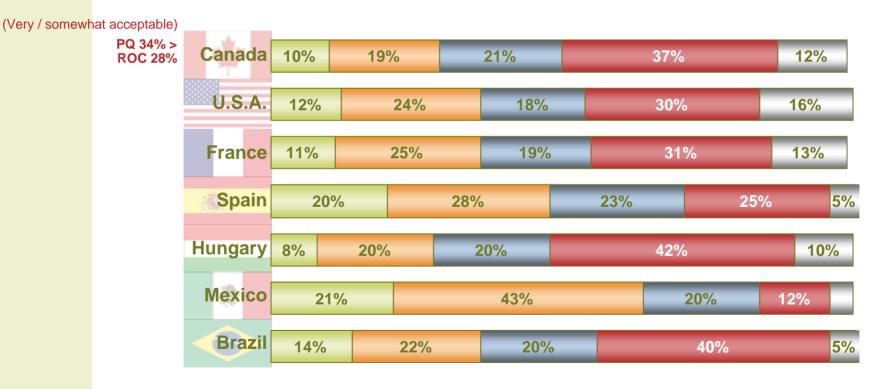


Base: All respondents Q.23 To what extent is your privacy respected by airport and customs officials when traveling by airplane?



### Acceptability of Airport Officials Giving Extra Security Checks to Visible Minorities

The Mexicans and Spanish are more accepting than others of the idea of increased scrutiny of minority groups at airport security checks.



□ Very □ Somewhat □ Not really □ Not at all □ Don't know

Base: All respondents

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Q.26 How acceptable do you feel it would be for airport officials to give extra security checks to visible minorities?













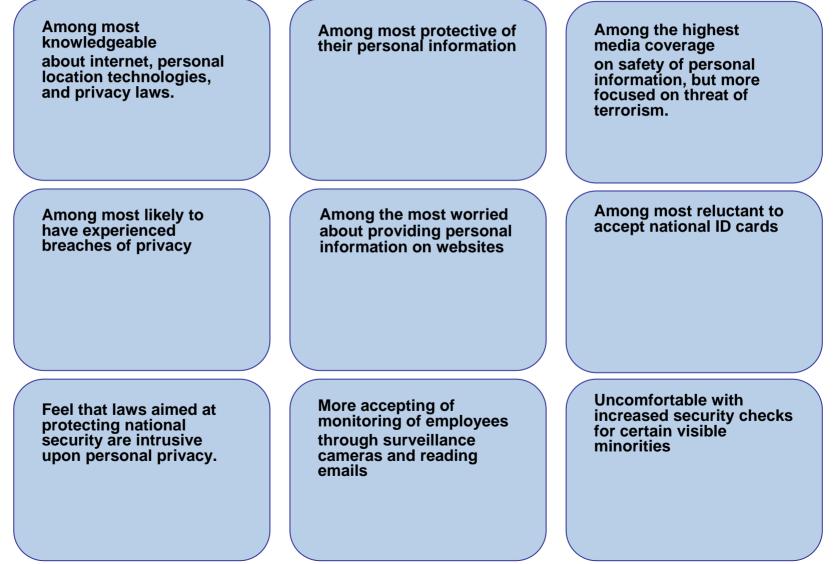


# **Summaries by Country**





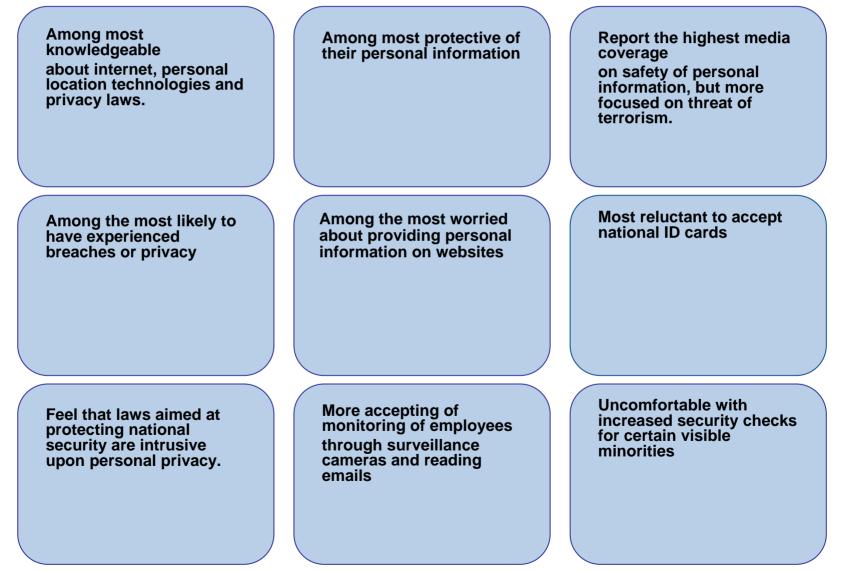








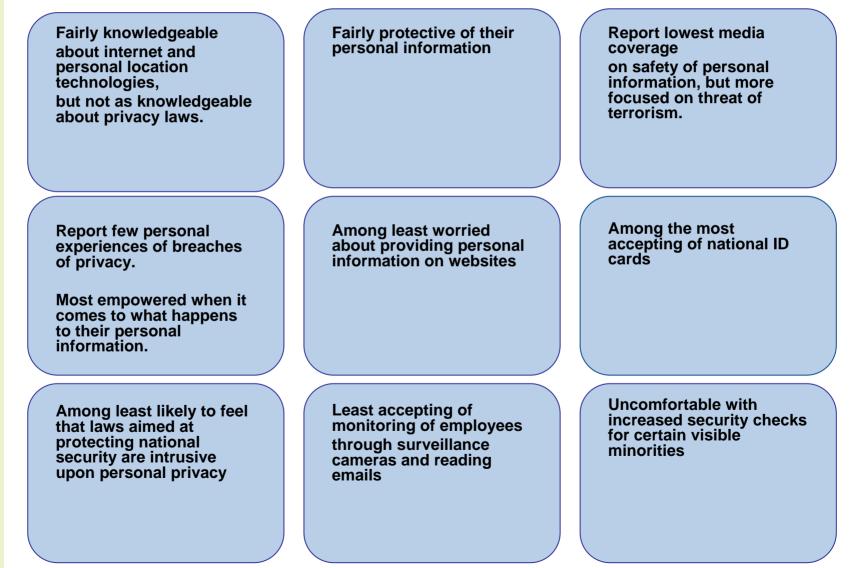








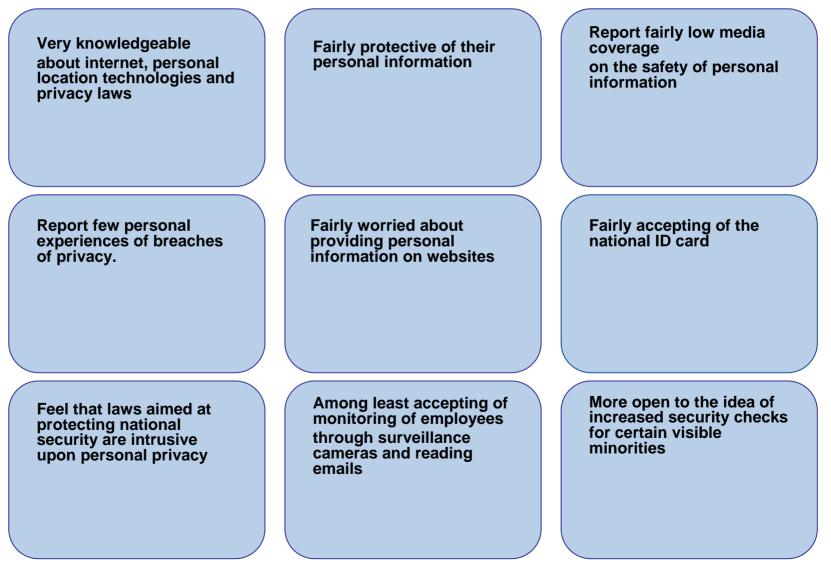








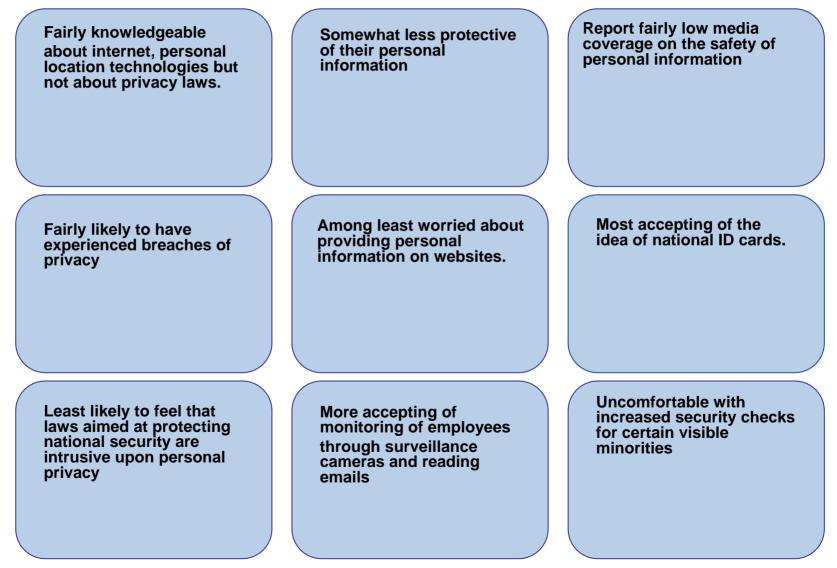








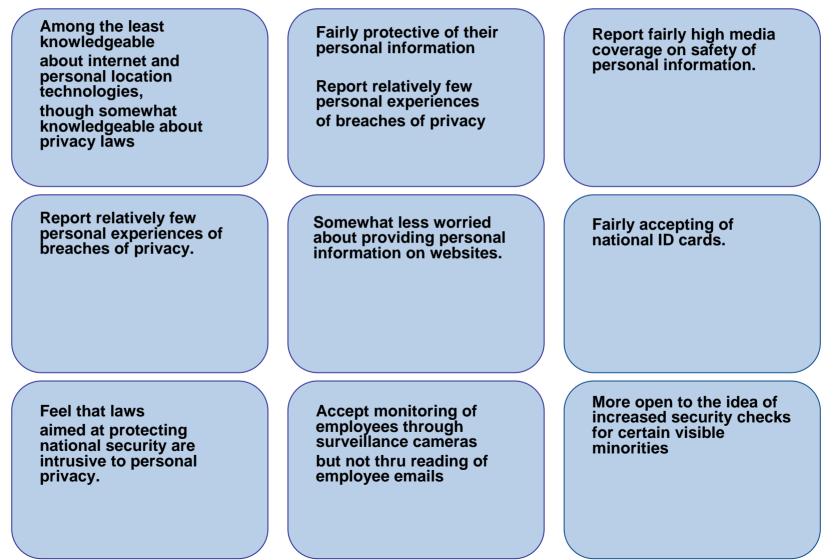










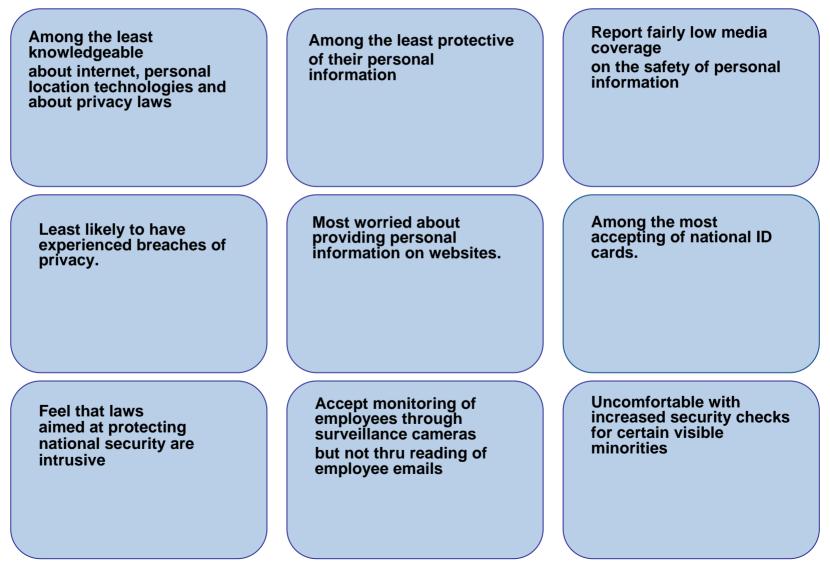




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# **Demographics**



#### **Demographics** - Gender and Age Distribution -

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Base:	Canada (n=1001)	US (n=1000)	France (n=1002)	Spain (n=1000)	Hungary (n=1005)	Mexico (n=1080)	Brazil (n=1000)
Gender							
Male	48%	48%	46%	48%	46%	48%	48%
Female	52%	52%	54%	52%	54%	52%	52%
Avg Age	45	46	47	42	46	38	40





### **Demographics**

- Rewards Program Membership and Times Travelled by Air -

	*					۲		
Base:	Canada (n=1001)	US (n=1000)	France (n=1002)	Spain (n=1000)	Hungary (n=1005)	Mexico (n=1080)	Brazil (n=1000)	
# Memberships			. ,	. ,				
None	34%	59%	38%	67%	59%	91%	1%	
1-2	44%	25%	32%	26%	30%	7%	4%	
3-5	17%	11%	23%	6%	10%	1%	1%	
6-10	2%	3%	4%	-	1%	-	95%	
11+	-	1%	1%	-	-	-	-	
Don't know	2%	1%	2%	1%	-	1%	-	
# Times Travelled by Air								
None	52%	47%	68%	57%	85%	74%	92%	
1-2	29%	25%	22%	26%	12%	15%	4%	
3-5	9%	12%	6%	9%	2%	2%	1%	
6-10	5%	6%	3%	5%	-	1%	-	
11+	2%	4%	1%	2%	-	0%	-	
Don't know	2%	4%	-	1%	-	8%	2%	



Base: All respondents

Q.27 Some companies offer customer rewards programmes where you can earn points or rewards based on how often you buy something from them or use their services. How many of these types of programmes do you collect points or rewards from?

Q.37 How many times in the last year have you traveled by air? Please include all flights both within and outside your country.



# Demographics - Computer and Internet Use in Past 6 and 12 Month -

	*					۲			
Base:	Canada (n=1001)	US (n=1000)	France (n=1002)	Spain (n=1000)	Hungary (n=1005)	Mexico (n=1080)	Brazil (n=1000)		
Purchase Over Internet in Past Year									
% Yes	47%	59%	45%	31%	18%	9%	5%		
Computer Use Past 6 Months									
At home	80%	78%	71%	68%	50%	33%	10%		
At work	56%	57%	42%	43%	33%	24%	10%		
At a public place	29%	32%	15%	22%	18%	36%	12%		
Never used one	13%	15%	24%	24%	43%	45%	78%		
Contacted Government in Past Year									
By email/internet	42%	35%	52%	20%	22%	8%	6%		
Face-to-face, phone or mail	53%	43%	64%	33%	60%	21%	9%		
No contact	27%	39%	20%	54%	35%	75%	85%		

<sup>69</sup> 👿 Queens

Base: All respondents

Q.38 Have you purchased a product or service over the internet in the past year?

Q.39 In the past year have you contacted the local, state or national government for any reason?

Q.39b For each of the following scenarios, please indicate yes or no for each. Have you used a computer/the Internet in the past 6 months