



# Statistics Data Organization - Population to Most Representative Sample

<b>1</b>	Which sample is most representative of this population?	Population: All Canadian households with internet access	<b>2</b>	Which sample is most representative of this population?	Population: All students at a university
A	2,500 households subscribed to fibre internet service	B	A	600 students enrolled in first-year courses	B
					600 students randomly selected from all academic programs
<b>3</b>	Which sample is most representative of this population?	Population: All homes in a province	<b>4</b>	Which sample is most representative of this population?	Population: All hospital patients in Canada
A	1,000 homes randomly selected from municipal property records	B	A	2,000 patients randomly selected from hospitals across Canada	B
					2,000 patients admitted through emergency departments
<b>5</b>	Which sample is most representative of this population?	Population: All restaurants in a city	<b>6</b>	Which sample is most representative of this population?	Population: All moviegoers in Canada
A	250 restaurants randomly selected from the city's business registry	B	A	1,000 people attending opening weekend screenings	B
					1,000 moviegoers randomly selected from theatres nationwide
<b>7</b>	Which sample is most representative of this population?	Population: All smartphone users in Canada	<b>8</b>	Which sample is most representative of this population?	Population: All Grade 12 students in Ontario
A	1,500 smartphone users randomly selected across all age groups	B	A	500 Grade 12 students randomly selected from schools in every region of Ontario	B
					500 Grade 12 students attending a provincial university fair