

Data Quality Indicators by Year and Registry

2017

Registry	Met Combined Criteria	Completeness of Case Ascertainment	Missing Race	Missing Sex	Missing County	Missing Age	DCO Cases	Passing Edits
Alabama	Yes	102.0	1.6	0.0	0.7	0.0	2.1	100.0
Alaska	Yes	112.6	0.4	0.0	0.0	0.0	1.0	100.0
Arizona	Yes	102.6	0.6	0.0	0.1	0.0	2.1	100.0
Arkansas	Yes	107.4	1.1	0.0	0.0	0.0	2.2	100.0
California	Yes	99.6	2.2	0.0	0.0	0.0	0.9	100.0
Greater California	Yes	99.4	2.2	0.0	0.0	0.0	1.1	100.0
Greater Bay	Yes	111.5	2.0	0.0	0.0	0.0	0.6	100.0
Los Angeles	Yes	92.9	2.3	0.0	0.0	0.0	0.7	100.0
Colorado	Yes	100.9	1.7	0.0	0.3	0.0	1.3	100.0
Connecticut	Yes	119.0	0.2	0.0	0.0	0.0	0.6	100.0
Delaware	Yes	102.5	0.3	0.0	0.0	0.0	0.8	100.0
District of Columbia	Yes	103.8	2.1	0.0	0.0	0.0	2.9	100.0
Florida	Yes	113.4	0.3	0.0	0.0	0.0	1.4	100.0
Georgia	Yes	111.4	0.1	0.0	0.0	0.0	1.0	100.0
Hawaii	Yes	116.4	1.0	0.0	0.0	0.0	1.5	100.0
Idaho	Yes	104.3	0.7	0.0	0.0	0.0	1.3	100.0
Illinois	Yes	111.1	0.3	0.0	0.0	0.0	1.9	100.0
Indiana	Yes	109.1	0.5	0.0	0.0	0.0	1.7	100.0
Iowa	Yes	115.4	0.5	0.0	0.0	0.0	1.3	100.0
Kansas	Yes	104.8	2.4	0.0	0.0	0.0	0.3	100.0
Kentucky	Yes	114.0	0.5	0.0	0.0	0.0	0.7	100.0
Louisiana	Yes	107.6	0.0	0.0	0.0	0.0	0.9	100.0
Maine	Yes	109.9	0.7	0.0	0.0	0.0	2.1	100.0
Maryland	Yes	108.6	0.3	0.0	0.2	0.0	3.7	100.0
Massachusetts	Yes	110.8	1.9	0.0	0.0	0.0	1.6	100.0
Michigan	Yes	106.1	1.3	0.0	0.0	0.0	2.2	100.0
Detroit	Yes	114.0	0.4	0.0	0.0	0.0	1.3	100.0
Minnesota	Yes	121.3	0.5	0.0	0.0	0.0	0.7	100.0
Mississippi	Yes	108.1	0.0	0.0	0.0	0.0	0.5	100.0
Missouri	Yes	106.5	0.3	0.0	0.0	0.0	2.4	100.0
Montana	Yes	110.4	1.0	0.0	0.0	0.0	1.5	100.0
Nebraska	Yes	111.8	0.0	0.0	0.0	0.0	1.3	100.0
Nevada	Yes	96.1	0.3	0.0	0.8	0.0	2.0	100.0
New Hampshire	Yes	108.4	1.2	0.0	0.0	0.0	1.6	100.0
New Jersey	Yes	115.6	0.9	0.0	0.0	0.0	1.3	100.0
New Mexico	Yes	93.8	1.2	0.0	0.1	0.0	1.3	100.0
New York	Yes	119.3	0.3	0.0	0.0	0.0	1.1	100.0
North Carolina	Yes	111.2	0.8	0.0	0.1	0.0	0.6	100.0
North Dakota	Yes	123.2	0.6	0.0	0.0	0.0	0.8	100.0
Ohio	Yes	102.7	1.0	0.0	0.0	0.0	3.2	100.0
Oklahoma	Yes	90.5	1.0	0.0	0.0	0.0	2.1	100.0
Oregon	Yes	103.7	1.1	0.0	0.6	0.0	2.6	100.0
Pennsylvania	Yes	109.5	1.1	0.0	0.0	0.0	2.7	100.0
Rhode Island	Yes	112.2	1.0	0.0	0.0	0.0	2.2	100.0
South Carolina	Yes	105.5	0.3	0.0	0.0	0.0	1.7	100.0
South Dakota	Yes	108.0	0.1	0.0	0.0	0.0	0.8	100.0
Tennessee	Yes	105.6	0.1	0.0	0.0	0.0	2.3	100.0
Texas	Yes	103.2	0.2	0.0	0.0	0.0	2.2	100.0
Utah	Yes	107.8	0.8	0.0	0.0	0.0	0.8	100.0
Vermont	Yes	110.2	0.7	0.0	0.0	0.0	2.2	100.0
Virginia	Yes	99.1	1.9	0.0	0.1	0.0	2.9	100.0
Washington	Yes	105.8	1.4	0.0	0.0	0.0	2.0	100.0
Seattle	Yes	113.7	0.6	0.0	0.0	0.0	0.6	100.0
West Virginia	Yes	112.9	0.2	0.0	0.0	0.0	0.7	100.0
Wisconsin	Yes	109.9	0.5	0.0	0.0	0.0	1.1	100.0
Wyoming	Yes	97.7	0.0	0.0	0.0	0.0	0.9	100.0
Puerto Rico	Yes	101.3	NA	0.0	0.3	0.0	2.1	100.0

## Data Quality Indicators by Year and Registry

### 2017

Registry	Met Combined Criteria	Completeness of Case Ascertainment	Missing Race	Missing Sex	Missing County	Missing Age	DCO Cases	Passing Edits
Alberta	Yes	102.6	NA	0.0	0.0	0.0	0.1	100.0
British Columbia	Yes	96.4	NA	0.0	0.0	0.0	1.2	100.0
Manitoba	Yes	99.1	NA	0.0	0.0	0.0	0.0	100.0
New Brunswick	Yes	104.3	NA	0.0	0.0	0.0	0.2	100.0
Newfoundland and Labrador	Yes	106.5	NA	0.0	0.0	0.0	0.6	100.0
Northwest Territories	Yes	181.8	NA	0.0	0.0	0.0	0.0	100.0
Nova Scotia	*	*	*	*	*	*	*	*
Nunavut	No	~	NA	0.0	0.0	0.0	*	100.0
Ontario	Yes	104.6	NA	0.0	0.0	0.0	1.4	100.0
Prince Edward Island	Yes	109.7	NA	0.0	0.0	0.0	0.3	100.0
Quebec	*	*	*	*	*	*	*	*
Saskatchewan	Yes	112.1	NA	0.0	0.0	0.0	0.5	100.0
Yukon	No	~	NA	0.0	0.0	0.0	*	100.0

N/A Information about data not collected.

~ Did not meet combined criteria

\* No data submission

Data Quality Indicators by Year and Registry

2018

Registry	Met Combined Criteria	Completeness of Case Ascertainment	Missing Race	Missing Sex	Missing County	Missing Age	DCO Cases	Passing Edits
Alabama	Yes	101.6	1.3	0.0	0.3	0.0	2.3	100.0
Alaska	Yes	109.5	0.5	0.0	0.0	0.0	1.0	100.0
Arizona	Yes	103.5	1.6	0.0	0.0	0.0	2.0	100.0
Arkansas	Yes	112.7	0.9	0.0	0.1	0.0	2.2	100.0
California	Yes	99.5	2.2	0.0	0.0	0.0	1.7	100.0
Greater California	Yes	99.4	2.5	0.0	0.0	0.0	1.9	100.0
Greater Bay	Yes	110.7	2.2	0.0	0.0	0.0	1.3	100.0
Los Angeles	Yes	92.7	1.7	0.0	0.0	0.0	1.6	100.0
Colorado	Yes	99.5	1.1	0.0	0.4	0.0	1.9	100.0
Connecticut	Yes	118.0	0.4	0.0	0.0	0.0	1.0	100.0
Delaware	Yes	102.7	2.2	0.0	0.0	0.0	0.8	100.0
District of Columbia	Yes	99.5	0.4	0.0	0.0	0.0	2.4	100.0
Florida	Yes	114.3	0.3	0.0	0.0	0.0	1.5	100.0
Georgia	Yes	112.4	0.1	0.0	0.0	0.0	1.2	100.0
Hawaii	Yes	110.2	1.2	0.0	0.0	0.0	1.5	100.0
Idaho	Yes	102.9	0.7	0.0	0.0	0.0	0.9	100.0
Illinois	Yes	110.1	0.6	0.0	0.0	0.0	1.3	100.0
Indiana	Yes	105.4	0.4	0.0	0.0	0.0	2.3	100.0
Iowa	Yes	114.6	0.6	0.0	0.0	0.0	1.6	100.0
Kansas	Yes	101.5	2.6	0.0	0.0	0.0	0.3	100.0
Kentucky	Yes	114.3	0.6	0.0	0.0	0.0	0.6	100.0
Louisiana	Yes	106.6	0.2	0.0	0.0	0.0	1.0	100.0
Maine	Yes	107.6	1.1	0.0	0.0	0.0	2.3	100.0
Maryland	Yes	106.8	0.4	0.0	0.1	0.0	3.3	100.0
Massachusetts	Yes	106.3	1.2	0.0	0.0	0.0	1.7	100.0
Michigan	Yes	103.6	0.9	0.0	0.0	0.0	1.9	100.0
Detroit	Yes	113.1	0.3	0.0	0.0	0.0	1.5	100.0
Minnesota	Yes	122.5	0.5	0.0	0.0	0.0	0.5	100.0
Mississippi	Yes	108.4	0.0	0.0	0.0	0.0	0.7	100.0
Missouri	Yes	103.3	0.3	0.0	0.0	0.0	2.4	100.0
Montana	Yes	104.6	1.0	0.0	0.0	0.0	1.7	100.0
Nebraska	Yes	106.4	0.0	0.0	0.0	0.0	1.2	100.0
Nevada	Yes	90.1	0.2	0.0	0.9	0.0	2.0	100.0
New Hampshire	Yes	114.1	1.2	0.0	0.0	0.0	1.4	100.0
New Jersey	Yes	117.1	0.9	0.0	0.0	0.0	1.1	100.0
New Mexico	Yes	91.1	1.3	0.0	0.3	0.0	1.3	100.0
New York	Yes	117.0	0.6	0.0	0.0	0.0	0.9	100.0
North Carolina	Yes	110.5	0.7	0.0	0.0	0.0	0.7	100.0
North Dakota	Yes	110.6	0.8	0.0	0.0	0.0	0.9	100.0
Ohio	Yes	104.5	1.0	0.0	0.0	0.0	3.8	100.0
Oklahoma	Yes	90.4	0.4	0.0	0.0	0.0	2.6	100.0
Oregon	Yes	96.7	0.7	0.0	0.0	0.0	2.2	100.0
Pennsylvania	Yes	107.7	1.1	0.0	0.0	0.0	2.6	100.0
Rhode Island	Yes	107.8	0.6	0.0	0.0	0.0	2.4	100.0
South Carolina	Yes	104.1	0.8	0.0	0.0	0.0	2.2	100.0
South Dakota	Yes	109.0	0.0	0.0	0.0	0.0	1.2	100.0
Tennessee	Yes	104.3	0.5	0.0	0.0	0.0	2.3	100.0
Texas	Yes	105.9	0.2	0.0	0.0	0.0	3.0	100.0
Utah	Yes	108.9	0.7	0.0	0.0	0.0	1.1	100.0
Vermont	Yes	107.9	1.0	0.0	0.0	0.0	2.0	100.0
Virginia	Yes	98.6	1.1	0.0	0.1	0.0	2.6	100.0
Washington	Yes	105.5	2.1	0.0	0.0	0.0	2.3	100.0
Seattle	Yes	115.0	0.7	0.0	0.0	0.0	0.3	100.0
West Virginia	Yes	109.9	0.1	0.0	0.0	0.0	0.6	100.0
Wisconsin	Yes	110.6	0.6	0.0	0.0	0.0	0.8	100.0
Wyoming	Yes	101.4	0.3	0.0	0.0	0.0	0.4	100.0
Puerto Rico	Yes	99.4	NA	0.0	0.5	0.0	2.7	100.0

**Data Quality Indicators by Year and Registry**

**2018**

<b>Registry</b>	<b>Met Combined Criteria</b>	<b>Completeness of Case Ascertainment</b>	<b>Missing Race</b>	<b>Missing Sex</b>	<b>Missing County</b>	<b>Missing Age</b>	<b>DCO Cases</b>	<b>Passing Edits</b>
<b>Alberta</b>	Yes	105.3	NA	0.0	0.0	0.0	0.1	100.0
<b>British Columbia</b>	Yes	98.6	NA	0.0	0.0	0.0	1.1	100.0
<b>Manitoba</b>	Yes	108.4	NA	0.0	0.0	0.0	0.2	100.0
<b>New Brunswick</b>	Yes	103.1	NA	0.0	0.0	0.0	0.2	100.0
<b>Newfoundland and Labrador</b>	Yes	107.0	NA	0.0	0.0	0.0	0.0	100.0
<b>Northwest Territories</b>	Yes	163.9	NA	0.0	0.0	0.0	0.5	100.0
<b>Nova Scotia</b>	*	*	*	*	*	*	*	*
<b>Nunavut</b>	No	~	NA	0.0	0.0	0.0	*	100.0
<b>Ontario</b>	Yes	101.9	NA	0.0	0.0	0.0	1.1	100.0
<b>Prince Edward Island</b>	Yes	98.2	NA	0.0	0.0	0.0	0.4	100.0
<b>Quebec</b>	*	*	*	*	*	*	*	*
<b>Saskatchewan</b>	Yes	107.1	NA	0.0	0.0	0.0	0.6	100.0
<b>Yukon</b>	No	~	NA	0.0	0.0	0.0	*	100.0

N/A Information about data not collected.

~ Did not meet combined criteria

\* No data submission

Data Quality Indicators by Year and Registry

2019

Registry	Met Combined Criteria	Completeness of Case Ascertainment	Missing Race	Missing Sex	Missing County	Missing Age	DCO Cases	Passing Edits
Alabama	Yes	101.9	1.6	0.0	0.3	0.0	1.8	100.0
Alaska	Yes	113.4	0.4	0.0	0.0	0.0	1.4	100.0
Arizona	Yes	102.4	1.5	0.0	0.0	0.0	3.9	100.0
Arkansas	Yes	115.6	0.6	0.0	0.1	0.0	2.1	100.0
California	Yes	101.2	2.2	0.0	0.0	0.0	1.4	100.0
Greater California	Yes	101.8	2.7	0.0	0.0	0.0	1.5	100.0
Greater Bay	Yes	110.8	1.8	0.0	0.0	0.0	1.4	100.0
Los Angeles	Yes	93.6	1.3	0.0	0.0	0.0	1.3	100.0
Colorado	Yes	101.8	1.0	0.0	0.3	0.0	2.5	100.0
Connecticut	Yes	118.2	0.7	0.0	0.0	0.0	1.0	100.0
Delaware	Yes	106.4	2.1	0.0	0.0	0.0	1.1	100.0
District of Columbia	Yes	103.1	0.7	0.0	0.0	0.0	2.5	100.0
Florida	Yes	113.5	0.3	0.0	0.0	0.0	1.6	100.0
Georgia	Yes	113.8	0.1	0.0	0.0	0.0	1.2	100.0
Hawaii	Yes	113.3	1.6	0.0	0.1	0.0	1.0	100.0
Idaho	Yes	110.3	0.8	0.0	0.0	0.0	1.0	100.0
Illinois	Yes	111.7	0.8	0.0	0.0	0.0	0.9	100.0
Indiana	Yes	102.0	0.7	0.0	0.0	0.0	2.2	100.0
Iowa	Yes	116.9	0.6	0.0	0.0	0.0	1.5	100.0
Kansas	Yes	103.2	1.9	0.0	0.0	0.0	0.4	100.0
Kentucky	Yes	115.4	0.7	0.0	0.0	0.0	1.5	100.0
Louisiana	Yes	109.8	0.2	0.0	0.0	0.0	1.0	100.0
Maine	Yes	110.3	0.7	0.0	0.0	0.0	2.0	100.0
Maryland	Yes	109.0	0.4	0.0	0.1	0.0	3.0	100.0
Massachusetts	Yes	113.3	1.1	0.0	0.0	0.0	4.3	100.0
Michigan	Yes	102.0	1.8	0.0	0.0	0.0	2.1	100.0
Detroit	Yes	112.7	1.8	0.0	0.0	0.0	1.5	100.0
Minnesota	Yes	122.3	0.1	0.0	0.0	0.0	0.5	100.0
Mississippi	Yes	105.1	0.0	0.0	0.0	0.0	0.6	100.0
Missouri	Yes	102.3	0.4	0.0	0.0	0.0	2.4	100.0
Montana	Yes	111.1	1.1	0.0	0.0	0.0	1.7	100.0
Nebraska	Yes	104.7	0.1	0.0	0.0	0.0	2.1	100.0
Nevada	Yes	89.9	0.6	0.0	0.9	0.0	3.4	100.0
New Hampshire	Yes	123.2	1.2	0.0	0.0	0.0	1.4	100.0
New Jersey	Yes	117.0	0.9	0.0	0.0	0.0	1.0	100.0
New Mexico	Yes	94.5	1.3	0.0	0.1	0.0	1.3	100.0
New York	Yes	120.6	0.7	0.0	0.0	0.0	0.8	100.0
North Carolina	Yes	111.2	0.7	0.0	0.0	0.0	0.6	100.0
North Dakota	Yes	110.5	1.3	0.0	0.1	0.0	0.7	100.0
Ohio	Yes	106.4	1.0	0.0	0.0	0.0	3.0	100.0
Oklahoma	Yes	93.9	0.6	0.0	0.0	0.0	2.6	100.0
Oregon	Yes	100.5	1.5	0.0	0.0	0.0	1.8	100.0
Pennsylvania	Yes	108.9	1.3	0.0	0.0	0.0	2.6	100.0
Rhode Island	Yes	107.3	0.8	0.0	0.0	0.0	2.5	100.0
South Carolina	Yes	100.8	1.0	0.0	0.4	0.0	1.2	100.0
South Dakota	Yes	105.9	0.0	0.0	0.0	0.0	0.5	100.0
Tennessee	Yes	102.1	0.6	0.0	0.1	0.0	2.4	100.0
Texas	Yes	105.2	0.3	0.0	0.0	0.0	2.2	100.0
Utah	Yes	107.2	1.3	0.0	0.0	0.0	1.1	100.0
Vermont	Yes	109.1	1.0	0.0	0.0	0.0	1.7	100.0
Virginia	Yes	100.8	1.1	0.0	0.1	0.0	3.1	100.0
Washington	Yes	106.7	1.7	0.0	0.0	0.0	1.8	100.0
Seattle	Yes	115.7	1.3	0.0	0.0	0.0	0.4	100.0
West Virginia	Yes	106.8	0.1	0.0	0.0	0.0	0.6	100.0
Wisconsin	Yes	113.3	0.4	0.0	0.0	0.0	1.2	100.0
Wyoming	Yes	102.0	0.1	0.0	0.0	0.0	1.5	100.0
Puerto Rico	Yes	97.1	NA	0.0	0.2	0.0	2.5	100.0

**Data Quality Indicators by Year and Registry**

**2019**

<b>Registry</b>	<b>Met Combined Criteria</b>	<b>Completeness of Case Ascertainment</b>	<b>Missing Race</b>	<b>Missing Sex</b>	<b>Missing County</b>	<b>Missing Age</b>	<b>DCO Cases</b>	<b>Passing Edits</b>
<b>Alberta</b>	Yes	107.0	NA	0.0	0.0	0.0	0.1	100.0
<b>British Columbia</b>	Yes	100.7	NA	0.0	0.0	0.0	0.9	100.0
<b>Manitoba</b>	Yes	109.8	NA	0.0	0.0	0.0	0.4	100.0
<b>New Brunswick</b>	Yes	108.7	NA	0.0	0.0	0.0	0.2	100.0
<b>Newfoundland and Labrador</b>	Yes	108.1	NA	0.0	0.0	0.0	0.0	100.0
<b>Northwest Territories</b>	Yes	193.1	NA	0.0	0.0	0.0	1.0	100.0
<b>Nova Scotia</b>	*	*	*	*	*	*	*	*
<b>Nunavut</b>	No	~	NA	0.0	0.0	0.0	*	100.0
<b>Ontario</b>	Yes	104.4	NA	0.0	0.0	0.0	1.2	100.0
<b>Prince Edward Island</b>	Yes	109.6	NA	0.0	0.0	0.0	0.2	100.0
<b>Quebec</b>	*	*	*	*	*	*	*	*
<b>Saskatchewan</b>	Yes	104.7	NA	0.0	0.0	0.0	0.3	100.0
<b>Yukon</b>	No	~	NA	0.0	0.0	0.0	*	100.0

N/A Information about data not collected.

~ Did not meet combined criteria

\* No data submission

Data Quality Indicators by Year and Registry

2020								
Registry	Met Combined Criteria	Completeness of Case Ascertainment	Missing Race	Missing Sex	Missing County	Missing Age	DCO Cases	Passing Edits
Alabama	Yes	101.3	0.6	0.0	0.3	0.0	2.4	100.0
Alaska	Yes	110.2	0.7	0.0	0.0	0.0	2.0	100.0
Arizona	Yes	103.2	1.7	0.0	0.0	0.0	3.3	100.0
Arkansas	Yes	108.3	0.2	0.0	0.2	0.0	5.3	100.0
California	Yes	98.5	2.6	0.0	0.0	0.0	1.5	100.0
Greater California	Yes	98.5	3.0	0.0	0.0	0.0	1.5	100.0
Greater Bay	Yes	108.2	2.0	0.0	0.0	0.0	1.3	100.0
Los Angeles	Yes	92.4	2.1	0.0	0.0	0.0	1.6	100.0
Colorado	Yes	99.1	1.8	0.0	0.2	0.0	2.8	100.0
Connecticut	Yes	114.4	1.0	0.0	0.0	0.0	1.2	100.0
Delaware	Yes	103.7	2.0	0.0	0.0	0.0	1.5	100.0
District of Columbia	Yes	106.5	0.1	0.0	0.0	0.0	2.4	100.0
Florida	Yes	117.3	0.5	0.0	0.0	0.0	1.6	100.0
Georgia	Yes	114.1	0.2	0.0	0.0	0.0	1.5	100.0
Hawaii	Yes	112.6	1.1	0.0	0.0	0.0	0.6	100.0
Idaho	Yes	111.6	1.2	0.0	0.0	0.0	0.8	100.0
Illinois	Yes	108.2	1.1	0.0	0.0	0.0	1.2	100.0
Indiana	No	~	0.9	0.0	0.0	0.0	*	100.0
Iowa	Yes	114.2	1.0	0.0	0.0	0.0	1.1	100.0
Kansas	Yes	100.3	2.2	0.0	0.4	0.0	0.5	100.0
Kentucky	Yes	114.3	0.8	0.0	0.0	0.0	1.1	100.0
Louisiana	Yes	108.0	0.1	0.0	0.0	0.0	1.0	100.0
Maine	Yes	110.1	1.0	0.0	0.0	0.0	2.7	100.0
Maryland	Yes	104.6	0.6	0.0	0.2	0.0	2.7	100.0
Massachusetts	Yes	111.4	1.2	0.0	0.0	0.0	2.9	100.0
Michigan	Yes	100.5	1.4	0.0	0.0	0.0	1.9	100.0
Detroit	Yes	114.1	1.3	0.0	0.0	0.0	2.0	100.0
Minnesota	Yes	121.1	0.4	0.0	0.0	0.0	0.5	100.0
Mississippi	Yes	100.8	0.0	0.0	0.0	0.0	1.0	100.0
Missouri	Yes	108.3	0.5	0.0	0.0	0.0	1.5	100.0
Montana	Yes	107.3	0.9	0.0	0.0	0.0	1.1	100.0
Nebraska	Yes	100.7	0.0	0.0	0.0	0.0	2.2	100.0
Nevada	Yes	98.8	1.3	0.0	0.5	0.0	5.0	100.0
New Hampshire	Yes	115.1	1.2	0.0	0.0	0.0	1.6	100.0
New Jersey	Yes	117.5	1.3	0.0	0.0	0.0	1.9	100.0
New Mexico	Yes	91.2	2.6	0.0	0.0	0.0	1.5	100.0
New York	Yes	119.7	0.8	0.0	0.0	0.0	1.0	100.0
North Carolina	Yes	110.7	0.5	0.0	0.0	0.0	0.8	100.0
North Dakota	Yes	116.7	0.5	0.0	0.2	0.0	1.0	100.0
Ohio	Yes	105.3	1.2	0.0	0.0	0.0	2.7	100.0
Oklahoma	Yes	93.2	0.7	0.0	0.0	0.0	2.5	100.0
Oregon	Yes	99.4	2.4	0.0	0.0	0.0	2.4	100.0
Pennsylvania	Yes	104.8	1.5	0.0	0.0	0.0	2.7	100.0
Rhode Island	Yes	102.3	1.4	0.0	0.0	0.0	2.3	100.0
South Carolina	Yes	106.1	0.5	0.0	0.1	0.0	1.5	100.0
South Dakota	Yes	110.5	0.1	0.0	0.0	0.0	0.5	100.0
Tennessee	Yes	102.5	0.8	0.0	0.0	0.0	2.7	100.0
Texas	Yes	105.0	0.3	0.0	0.0	0.0	2.3	100.0
Utah	Yes	107.0	1.4	0.0	0.0	0.0	1.1	100.0
Vermont	Yes	110.9	0.8	0.0	0.0	0.0	2.0	100.0
Virginia	Yes	98.6	1.3	0.0	0.1	0.0	2.9	100.0
Washington	Yes	105.5	1.3	0.0	0.0	0.0	1.6	100.0
Seattle	Yes	114.0	1.3	0.0	0.0	0.0	0.4	100.0
West Virginia	Yes	108.2	0.1	0.0	0.0	0.0	0.8	100.0
Wisconsin	Yes	110.4	0.4	0.0	0.0	0.0	1.9	100.0
Wyoming	Yes	98.5	0.2	0.0	0.0	0.0	1.3	100.0
Puerto Rico	Yes	90.2	NA	0.0	0.2	0.0	3.2	100.0

## Data Quality Indicators by Year and Registry

### 2020

Registry	Met Combined Criteria	Completeness of Case Ascertainment	Missing Race	Missing Sex	Missing County	Missing Age	DCO Cases	Passing Edits
Alberta	Yes	103.6	NA	0.0	0.0	0.0	0.1	100.0
British Columbia	Yes	100.8	NA	0.0	0.0	0.0	0.9	100.0
Manitoba	Yes	119.1	NA	0.0	0.0	0.0	0.5	100.0
New Brunswick	Yes	111.7	NA	0.0	0.0	0.0	0.4	100.0
Newfoundland and Labrador	Yes	110.5	NA	0.0	0.0	0.0	0.0	100.0
Northwest Territories	Yes	162.9	NA	0.0	0.0	0.0	0.0	100.0
Nova Scotia	*	*	*	*	*	*	*	*
Nunavut	No	~	NA	0.0	0.0	0.0	*	100.0
Ontario	Yes	103.6	NA	0.0	0.0	0.0	1.4	100.0
Prince Edward Island	Yes	115.1	NA	0.0	0.0	0.0	0.1	100.0
Quebec	*	*	*	*	*	*	*	*
Saskatchewan	Yes	111.5	NA	0.0	0.0	0.0	0.4	100.0
Yukon	No	~	NA	0.0	0.0	0.0	*	100.0

N/A Information about data not collected.

~ Did not meet combined criteria

\* No data submission



Data Quality Indicators by Year and Registry

2021

Registry	Met Combined Criteria	Completeness of Case Ascertainment	Missing Race	Missing Sex	Missing County	Missing Age	DCO Cases	Passing Edits
Alabama	Yes	97.8	1.6	0.0	0.3	0.0	1.8	100.0
Alaska	No	~	0.6	0.0	0.0	0.0	*	100.0
Arizona	Yes	95.9	3.1	0.0	0.0	0.0	0.9	100.0
Arkansas	No	~	0.5	0.0	0.0	0.0	7.3	100.0
California	Yes	96.9	3.2	0.0	0.0	0.0	1.1	100.0
Greater California	Yes	95.5	3.3	0.0	0.0	0.0	1.2	100.0
Greater Bay	Yes	110.4	1.7	0.0	0.0	0.0	1.1	100.0
Los Angeles	Yes	103.1	3.8	0.0	0.0	0.0	1.1	100.0
Colorado	Yes	94.1	0.7	0.0	0.1	0.0	2.7	100.0
Connecticut	Yes	117.2	1.0	0.0	0.0	0.0	1.4	100.0
Delaware	Yes	96.4	0.5	0.0	0.4	0.0	1.2	100.0
District of Columbia	Yes	105.0	1.8	0.0	0.0	0.0	1.4	100.0
Florida	Yes	112.2	0.8	0.0	0.0	0.0	1.5	100.0
Georgia	Yes	111.6	0.3	0.0	0.0	0.0	1.1	100.0
Hawaii	Yes	109.2	1.6	0.0	0.0	0.0	0.9	100.0
Idaho	Yes	103.1	1.3	0.0	0.0	0.0	1.0	100.0
Illinois	Yes	109.0	1.4	0.0	0.0	0.0	1.2	100.0
Indiana	No	~	1.3	0.0	0.1	0.0	*	100.0
Iowa	Yes	116.8	1.1	0.0	0.0	0.0	0.6	100.0
Kansas	Yes	97.2	2.3	0.0	0.0	0.0	0.5	100.0
Kentucky	Yes	109.1	1.1	0.0	0.0	0.0	0.9	100.0
Louisiana	Yes	107.1	0.0	0.0	0.0	0.0	0.8	100.0
Maine	Yes	106.9	1.0	0.0	0.0	0.0	2.5	100.0
Maryland	Yes	102.4	0.5	0.0	0.4	0.0	0.7	100.0
Massachusetts	Yes	93.5	0.9	1.2	0.0	0.0	0.4	100.0
Michigan	Yes	94.0	1.5	0.0	0.0	0.0	1.4	100.0
Detroit	Yes	108.8	2.0	0.0	0.0	0.0	1.5	100.0
Minnesota	Yes	119.9	1.4	0.0	0.0	0.0	0.4	100.0
Mississippi	Yes	101.4	0.0	0.0	0.0	0.0	0.6	100.0
Missouri	Yes	100.1	0.3	0.0	0.0	0.0	1.5	100.0
Montana	Yes	105.6	1.1	0.0	0.0	0.0	2.8	100.0
Nebraska	Yes	105.2	0.1	0.0	0.0	0.0	2.0	100.0
Nevada	Yes	89.7	1.2	0.0	0.2	0.0	3.6	100.0
New Hampshire	Yes	106.9	1.3	0.0	0.0	0.0	1.7	100.0
New Jersey	Yes	118.4	1.7	0.0	0.0	0.0	1.1	100.0
New Mexico	Yes	101.9	2.6	0.0	0.0	0.0	1.5	100.0
New York	Yes	120.8	1.1	0.0	0.0	0.0	0.8	100.0
North Carolina	Yes	109.5	0.7	0.0	0.0	0.0	0.9	100.0
North Dakota	Yes	120.1	0.6	0.0	0.2	0.0	0.6	100.0
Ohio	Yes	102.1	1.3	0.0	0.0	0.0	1.9	100.0
Oklahoma	Yes	101.5	1.0	0.0	0.0	0.0	2.3	100.0
Oregon	Yes	93.3	3.1	0.0	0.0	0.0	3.3	100.0
Pennsylvania	Yes	98.4	1.2	0.0	0.0	0.0	2.7	100.0
Rhode Island	Yes	102.8	1.4	0.0	0.0	0.0	1.7	100.0
South Carolina	Yes	96.7	0.5	0.0	0.0	0.0	2.0	100.0
South Dakota	Yes	115.7	0.3	0.0	0.1	0.0	0.3	100.0
Tennessee	Yes	96.3	0.8	0.0	0.0	0.0	2.6	100.0
Texas	Yes	100.6	0.5	0.0	0.0	0.0	1.6	100.0
Utah	Yes	104.7	2.5	0.0	0.0	0.0	1.1	100.0
Vermont	Yes	102.9	1.1	0.0	0.0	0.0	1.4	100.0
Virginia	Yes	99.7	1.6	0.0	0.1	0.0	3.0	100.0
Washington	Yes	102.1	2.0	0.0	0.0	0.0	1.4	100.0
Seattle	Yes	113.9	2.4	0.0	0.0	0.0	0.3	100.0
West Virginia	Yes	106.6	0.0	0.0	0.0	0.0	0.6	100.0
Wisconsin	Yes	108.9	0.5	0.0	0.0	0.0	1.9	100.0
Wyoming	Yes	101.0	0.1	0.0	0.0	0.0	1.7	100.0
Puerto Rico	Yes	97.2	NA	0.0	0.5	0.0	3.1	100.0

## Data Quality Indicators by Year and Registry

### 2021

Registry	Met Combined Criteria	Completeness of Case Ascertainment	Missing Race	Missing Sex	Missing County	Missing Age	DCO Cases	Passing Edits
Alberta	Yes	103.1	NA	0.0	0.0	0.0	0.0	100.0
British Columbia	Yes	100.8	NA	0.0	0.0	0.0	0.6	100.0
Manitoba	Yes	115.8	NA	0.0	0.0	0.0	0.3	100.0
New Brunswick	Yes	101.8	NA	0.0	0.0	0.0	0.4	100.0
Newfoundland and Labrador	Yes	96.3	NA	0.0	0.0	0.0	0.0	100.0
Northwest Territories	Yes	193.0	NA	0.0	0.0	0.0	1.6	100.0
Nova Scotia	*	*	*	*	*	*	*	*
Nunavut	No	~	NA	0.0	0.0	0.0	*	100.0
Ontario	Yes	104.3	NA	0.0	0.0	0.0	1.2	100.0
Prince Edward Island	Yes	109.2	NA	0.0	0.0	0.0	0.2	100.0
Quebec	*	*	*	*	*	*	*	*
Saskatchewan	No	~	NA	0.0	0.0	0.0	0.4	100.0
Yukon	No	~	NA	0.0	0.0	0.0	*	100.0

N/A Information about data not collected.

~ Did not meet combined criteria

\* No data submission