

Appendix D - Data Quality Indicators by Year and Registry

2014								
Registry	Met Combined Criteria	Completeness of Case Ascertainment	Missing Race	Missing Sex	Missing County	Missing Age	DCO Cases	Passing Edits
Alabama	Yes	97.9	1.0	0.0	0.8	0.0	2.3	100.0
Alaska	Yes	104.9	0.2	0.0	0.0	0.0	1.7	100.0
Arizona	Yes	96.5	0.4	0.0	0.0	0.0	2.9	100.0
Arkansas	Yes	100.9	0.3	0.0	0.2	0.0	2.3	100.0
California	Yes	100.3	1.6	0.0	0.0	0.0	1.4	100.0
Greater California	Yes	99.6	1.6	0.0	0.0	0.0	1.6	100.0
Greater Bay	Yes	110.0	1.1	0.0	0.0	0.0	1.2	100.0
Los Angeles	Yes	95.6	2.1	0.0	0.0	0.0	1.2	100.0
Colorado	Yes	99.4	0.5	0.0	0.5	0.0	2.3	100.0
Connecticut	Yes	116.9	0.7	0.0	0.0	0.0	0.6	100.0
Delaware	Yes	109.8	0.0	0.0	0.0	0.0	1.0	100.0
District of Columbia	Yes	102.1	1.4	0.0	0.0	0.0	1.3	100.0
Florida	Yes	109.4	1.8	0.0	0.0	0.0	1.4	100.0
Georgia	Yes	108.4	0.1	0.0	0.0	0.0	1.9	100.0
Hawaii	Yes	108.0	1.4	0.0	0.0	0.0	1.1	100.0
Idaho	Yes	103.6	0.8	0.0	0.0	0.0	2.2	100.0
Illinois	Yes	105.2	0.6	0.0	0.0	0.0	2.1	100.0
Indiana	Yes	103.2	0.5	0.0	0.0	0.0	1.1	100.0
Iowa	Yes	108.4	0.5	0.0	0.0	0.0	1.7	100.0
Kansas	Yes	99.9	2.3	0.0	0.0	0.0	0.2	100.0
Kentucky	Yes	110.4	0.4	0.0	0.0	0.0	1.0	100.0
Louisiana	Yes	102.3	0.0	0.0	0.0	0.0	1.0	100.0
Maine	Yes	111.5	0.6	0.0	0.0	0.0	2.1	100.0
Maryland	Yes	101.3	0.2	0.0	0.2	0.0	2.6	100.0
Massachusetts	Yes	105.2	1.2	0.0	0.0	0.0	2.4	100.0
Michigan	Yes	100.4	1.0	0.0	0.0	0.0	2.1	100.0
Detroit	Yes	111.5	0.3	0.0	0.0	0.0	1.3	100.0
Minnesota	Yes	110.5	0.5	0.0	0.0	0.0	2.0	100.0
Mississippi	Yes	101.5	0.0	0.0	0.0	0.0	1.0	100.0
Missouri	Yes	102.8	0.2	0.0	0.0	0.0	2.4	100.0
Montana	Yes	106.0	0.6	0.0	0.0	0.0	1.8	100.0
Nebraska	Yes	105.2	0.6	0.0	0.0	0.0	1.5	100.0
Nevada	Yes	90.1	0.4	0.0	0.1	0.0	1.9	100.0
New Hampshire	Yes	112.2	1.4	0.0	0.0	0.0	1.0	100.0
New Jersey	Yes	111.6	1.3	0.0	0.0	0.0	1.5	100.0
New Mexico	Yes	94.6	0.8	0.0	0.2	0.0	1.7	100.0
New York	Yes	114.5	0.5	0.0	0.0	0.0	0.9	100.0
North Carolina	Yes	105.9	0.4	0.0	0.2	0.0	1.1	100.0
North Dakota	Yes	111.2	1.5	0.0	0.0	0.0	0.6	100.0
Ohio	Yes	101.5	0.8	0.0	0.0	0.0	3.7	100.0
Oklahoma	Yes	100.9	0.7	0.0	0.0	0.0	3.4	100.0
Oregon	Yes	104.1	1.2	0.0	0.0	0.0	4.4	100.0
Pennsylvania	Yes	108.5	1.4	0.0	0.0	0.0	2.3	100.0
Rhode Island	Yes	115.8	0.7	0.0	0.0	0.0	2.6	100.0
South Carolina	Yes	102.8	0.3	0.0	0.3	0.0	2.3	100.0
South Dakota	Yes	112.6	0.0	0.0	0.0	0.0	0.4	100.0
Tennessee	Yes	97.7	0.3	0.0	0.0	0.0	2.0	100.0
Texas	Yes	99.4	0.2	0.0	0.0	0.0	2.6	100.0
Utah	Yes	102.7	0.0	0.0	0.0	0.0	0.4	100.0
Vermont	Yes	107.3	1.8	0.0	0.0	0.0	1.8	100.0
Virginia	Yes	97.8	1.2	0.0	0.1	0.0	2.5	100.0
Washington	Yes	106.0	1.4	0.0	0.0	0.0	1.7	100.0
Seattle	Yes	113.1	0.6	0.0	0.0	0.0	0.4	100.0
West Virginia	Yes	100.6	0.2	0.0	0.0	0.0	0.8	100.0
Wisconsin	Yes	111.1	0.4	0.0	0.0	0.0	1.7	100.0
Wyoming	Yes	97.0	0.0	0.0	0.0	0.0	0.6	100.0
Puerto Rico	Yes	93.9	na	0.0	0.7	0.0	3.0	100.0

Appendix D - Data Quality Indicators by Year and Registry

2014

Registry	Met Combined Criteria	Completeness of Case Ascertainment	Missing Race	Missing Sex	Missing County	Missing Age	DCO Cases	Passing Edits
Alberta	Yes	106.1	0.0	0.0	0.0	0.0	0.1	100.0
British Columbia	Yes	97.7	0.0	0.0	0.0	0.0	0.4	100.0
Manitoba	Yes	100.1	0.0	0.0	0.0	0.0	0.0	100.0
New Brunswick	Yes	113.8	0.0	0.0	0.0	0.0	0.1	100.0
Newfoundland and Labrador	Yes	103.0	0.0	0.0	0.0	0.0	1.2	100.0
Northwest Territories	Yes	211.2	0.0	0.0	1.8	0.0	0.0	100.0
Nova Scotia	-	-	-	-	-	-	-	-
Nunavut	No	-	-	-	-	-	-	-
Ontario	Yes	101.7	0.0	0.0	0.0	0.0	1.4	100.0
Prince Edward Island	Yes	115.4	0.0	0.0	0.0	0.0	0.4	100.0
Quebec	-	-	-	-	-	-	-	-
Saskatchewan	Yes	103.8	0.0	0.0	0.0	0.0	0.7	100.0
Yukon	No	-	-	-	-	-	-	-

Appendix D - Data Quality Indicators by Year and Registry

2015								
Registry	Met Combined Criteria	Completeness of Case Ascertainment	Missing Race	Missing Sex	Missing County	Missing Age	DCO Cases	Passing Edits
Alabama	Yes	100.1	1.0	0.0	0.7	0.0	2.4	100.0
Alaska	Yes	103.1	0.5	0.0	0.0	0.0	1.7	100.0
Arizona	Yes	97.7	0.5	0.0	0.0	0.0	3.0	100.0
Arkansas	Yes	103.1	1.1	0.0	0.6	0.0	2.7	100.0
California	Yes	99.5	1.9	0.0	0.0	0.0	1.6	100.0
Greater California	Yes	99.3	2.2	0.0	0.0	0.0	2.0	100.0
Greater Bay	Yes	109.2	1.2	0.0	0.0	0.0	1.0	100.0
Los Angeles	Yes	94.1	1.9	0.0	0.0	0.0	1.1	100.0
Colorado	Yes	99.6	0.7	0.0	0.1	0.0	1.8	100.0
Connecticut	Yes	115.7	1.1	0.0	0.0	0.0	0.4	100.0
Delaware	Yes	112.7	0.1	0.0	0.0	0.0	1.1	100.0
District of Columbia	Yes	91.9	2.1	0.0	0.0	0.0	0.8	100.0
Florida	Yes	111.2	2.9	0.0	0.0	0.0	1.4	100.0
Georgia	Yes	107.4	0.1	0.0	0.0	0.0	1.3	100.0
Hawaii	Yes	108.4	0.2	0.0	0.0	0.0	1.2	100.0
Idaho	Yes	106.8	0.4	0.0	0.0	0.0	2.3	100.0
Illinois	Yes	106.6	0.7	0.0	0.0	0.0	2.1	100.0
Indiana	Yes	105.6	0.5	0.0	0.0	0.0	1.2	100.0
Iowa	Yes	109.5	0.5	0.0	0.0	0.0	1.5	100.0
Kansas	Yes	101.6	1.8	0.0	0.0	0.0	0.2	100.0
Kentucky	Yes	110.6	0.7	0.0	0.0	0.0	0.9	100.0
Louisiana	Yes	103.2	0.0	0.0	0.0	0.0	1.1	100.0
Maine	Yes	109.5	0.5	0.0	0.0	0.0	2.0	100.0
Maryland	Yes	106.9	0.2	0.0	0.2	0.0	2.8	100.0
Massachusetts	Yes	109.8	1.9	0.0	0.0	0.0	2.2	100.0
Michigan	Yes	101.6	0.6	0.0	0.2	0.0	1.5	100.0
Detroit	Yes	111.0	0.1	0.0	0.0	0.0	1.3	100.0
Minnesota	Yes	116.3	0.6	0.0	0.0	0.0	2.3	100.0
Mississippi	Yes	100.7	0.0	0.0	0.0	0.0	1.2	100.0
Missouri	Yes	103.6	0.2	0.0	0.0	0.0	2.5	100.0
Montana	Yes	107.9	0.4	0.0	0.0	0.0	2.1	100.0
Nebraska	Yes	108.3	0.7	0.0	0.0	0.0	1.2	100.0
Nevada	No	-	-	-	-	-	-	-
New Hampshire	Yes	111.5	0.9	0.0	0.0	0.0	1.1	100.0
New Jersey	Yes	112.5	1.3	0.0	0.0	0.0	1.7	100.0
New Mexico	Yes	94.6	1.0	0.0	0.1	0.0	3.6	100.0
New York	Yes	116.4	0.5	0.0	0.0	0.0	1.1	100.0
North Carolina	Yes	108.0	0.5	0.0	0.3	0.0	0.8	100.0
North Dakota	Yes	106.9	1.1	0.0	0.0	0.0	1.0	100.0
Ohio	Yes	103.4	1.0	0.0	0.0	0.0	4.1	100.0
Oklahoma	Yes	98.2	1.0	0.0	0.0	0.0	2.8	100.0
Oregon	Yes	103.1	0.5	0.0	0.0	0.0	2.9	100.0
Pennsylvania	Yes	109.3	1.4	0.0	0.0	0.0	2.3	100.0
Rhode Island	Yes	110.5	0.7	0.0	0.0	0.0	2.3	100.0
South Carolina	Yes	105.1	0.4	0.0	0.0	0.0	2.2	100.0
South Dakota	Yes	101.1	0.1	0.0	0.0	0.0	0.8	100.0
Tennessee	Yes	102.2	0.1	0.0	0.0	0.0	2.2	100.0
Texas	Yes	100.6	0.2	0.0	0.0	0.0	2.4	100.0
Utah	Yes	103.4	0.1	0.0	0.0	0.0	0.5	100.0
Vermont	Yes	101.5	0.5	0.0	0.0	0.0	1.2	100.0
Virginia	Yes	95.7	1.6	0.0	0.0	0.0	3.2	100.0
Washington	Yes	102.5	1.2	0.0	0.0	0.0	1.7	100.0
Seattle	Yes	112.6	0.7	0.0	0.0	0.0	0.4	100.0
West Virginia	Yes	101.8	0.4	0.0	0.0	0.0	1.0	100.0
Wisconsin	Yes	109.9	0.6	0.0	0.0	0.0	1.1	100.0
Wyoming	Yes	96.3	0.0	0.0	0.0	0.0	1.1	100.0
Puerto Rico	Yes	94.4	na	0.0	0.8	0.0	2.8	100.0

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2015

Registry	Met Combined Criteria	Completeness of Case Ascertainment	Missing Race	Missing Sex	Missing County	Missing Age	DCO Cases	Passing Edits
Alberta	Yes	107.9	0.0	0.0	0.0	0.0	0.1	100.0
British Columbia	Yes	99.5	0.0	0.0	0.0	0.0	0.5	100.0
Manitoba	Yes	100.2	0.0	0.0	0.0	0.0	0.0	100.0
New Brunswick	Yes	110.0	0.0	0.0	0.0	0.0	0.1	100.0
Newfoundland and Labrador	Yes	105.7	0.0	0.0	0.0	0.0	0.7	100.0
Northwest Territories	Yes	144.4	0.0	0.0	2.0	0.0	0.0	100.0
Nova Scotia	-	-	-	-	-	-	-	-
Nunavut	Yes	106.6	0.0	0.0	0.0	0.0	0.0	100.0
Ontario	Yes	104.4	0.0	0.0	0.0	0.0	1.4	100.0
Prince Edward Island	Yes	119.2	0.0	0.0	0.0	0.0	0.3	100.0
Quebec	-	-	-	-	-	-	-	-
Saskatchewan	Yes	104.4	0.0	0.0	0.0	0.0	0.6	100.0
Yukon	No	-	-	-	-	-	-	-

Appendix D - Data Quality Indicators by Year and Registry

2016								
Registry	Met Combined Criteria	Completeness of Case Ascertainment	Missing Race	Missing Sex	Missing County	Missing Age	DCO Cases	Passing Edits
Alabama	Yes	102.0	1.4	0.0	0.7	0.0	2.1	100.0
Alaska	Yes	100.8	0.3	0.0	0.0	0.0	1.0	100.0
Arizona	Yes	98.6	0.5	0.0	0.0	0.0	3.3	100.0
Arkansas	Yes	105.3	1.4	0.0	0.5	0.0	2.6	100.0
California	Yes	98.3	2.2	0.0	0.0	0.0	1.6	100.0
Greater California	Yes	97.5	2.2	0.0	0.0	0.0	1.8	100.0
Greater Bay	Yes	108.4	1.9	0.0	0.0	0.0	1.0	100.0
Los Angeles	Yes	93.9	2.4	0.0	0.0	0.0	1.5	100.0
Colorado	Yes	98.2	0.9	0.0	0.2	0.0	2.0	100.0
Connecticut	Yes	114.5	1.1	0.0	0.0	0.0	0.6	100.0
Delaware	Yes	106.3	0.0	0.0	0.0	0.0	0.9	100.0
District of Columbia	Yes	91.9	2.8	0.0	0.6	0.0	0.6	100.0
Florida	Yes	109.3	3.4	0.0	0.0	0.0	1.4	100.0
Georgia	Yes	108.2	0.3	0.0	0.0	0.0	1.3	100.0
Hawaii	Yes	110.9	1.1	0.0	0.0	0.0	1.3	100.0
Idaho	Yes	104.4	0.3	0.0	0.0	0.0	1.7	100.0
Illinois	Yes	108.0	0.6	0.0	0.0	0.0	2.0	100.0
Indiana	Yes	106.6	0.6	0.0	0.0	0.0	1.1	100.0
Iowa	Yes	112.7	0.4	0.0	0.0	0.0	1.6	100.0
Kansas	Yes	100.8	1.9	0.0	0.0	0.0	0.2	100.0
Kentucky	Yes	110.4	0.7	0.0	0.0	0.0	0.8	100.0
Louisiana	Yes	103.8	0.1	0.0	0.0	0.0	1.0	100.0
Maine	Yes	110.7	0.3	0.0	0.0	0.0	2.0	100.0
Maryland	Yes	105.8	0.4	0.0	0.7	0.0	3.2	100.0
Massachusetts	Yes	111.5	1.6	0.0	0.0	0.0	1.7	100.0
Michigan	Yes	104.5	1.3	0.0	0.0	0.0	2.2	100.0
Detroit	Yes	113.5	0.2	0.0	0.0	0.0	1.4	100.0
Minnesota	Yes	115.8	0.5	0.0	0.0	0.0	0.8	100.0
Mississippi	Yes	104.8	0.0	0.0	0.0	0.0	0.9	100.0
Missouri	Yes	101.7	0.2	0.0	0.0	0.0	2.4	100.0
Montana	Yes	111.5	0.6	0.0	0.0	0.0	1.2	100.0
Nebraska	Yes	108.1	0.2	0.0	0.0	0.0	1.4	100.0
Nevada	Yes	90.9	0.3	0.0	0.0	0.0	2.6	100.0
New Hampshire	Yes	109.6	1.5	0.0	0.0	0.0	1.5	100.0
New Jersey	Yes	111.9	1.4	0.0	0.0	0.0	1.2	100.0
New Mexico	Yes	92.9	0.8	0.0	0.0	0.0	1.4	100.0
New York	Yes	117.8	0.5	0.0	0.0	0.0	0.8	100.0
North Carolina	Yes	108.1	1.2	0.0	0.1	0.0	0.6	100.0
North Dakota	Yes	113.6	0.7	0.0	0.1	0.0	0.9	100.0
Ohio	Yes	101.0	1.2	0.0	0.0	0.0	2.9	100.0
Oklahoma	Yes	94.9	0.7	0.0	0.0	0.0	2.4	100.0
Oregon	Yes	99.2	1.0	0.0	0.0	0.0	2.6	100.0
Pennsylvania	Yes	108.2	1.5	0.0	0.0	0.0	2.5	100.0
Rhode Island	Yes	113.7	0.8	0.0	0.0	0.0	1.7	100.0
South Carolina	Yes	103.9	0.4	0.0	0.0	0.0	2.0	100.0
South Dakota	Yes	113.4	0.3	0.0	0.0	0.0	0.8	100.0
Tennessee	Yes	100.1	0.1	0.0	0.0	0.0	2.4	100.0
Texas	Yes	100.5	0.3	0.0	0.0	0.0	2.3	100.0
Utah	Yes	101.3	0.2	0.0	0.0	0.0	0.3	100.0
Vermont	Yes	104.9	0.4	0.0	0.0	0.0	1.8	100.0
Virginia	Yes	97.7	1.5	0.0	0.1	0.0	2.9	100.0
Washington	Yes	104.1	1.5	0.0	0.0	0.0	1.4	100.0
Seattle	Yes	112.2	0.9	0.0	0.0	0.0	0.4	100.0
West Virginia	Yes	104.8	0.4	0.0	0.0	0.0	0.7	100.0
Wisconsin	Yes	107.9	0.7	0.0	0.0	0.0	1.0	100.0
Wyoming	Yes	98.8	0.0	0.0	0.0	0.0	0.7	100.0
Puerto Rico	Yes	93.4	na	0.0	0.6	0.0	2.4	100.0

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2016

Registry	Met Combined Criteria	Completeness of Case Ascertainment	Missing Race	Missing Sex	Missing County	Missing Age	DCO Cases	Passing Edits
Alberta	Yes	104.4	0.0	0.0	0.0	0.0	0.1	100.0
British Columbia	Yes	96.8	0.0	0.0	0.0	0.0	0.6	100.0
Manitoba	Yes	101.5	0.0	0.0	0.0	0.0	0.0	100.0
New Brunswick	Yes	108.7	0.0	0.0	0.0	0.0	0.1	100.0
Newfoundland and Labrador	Yes	108.3	0.0	0.0	0.0	0.0	0.3	100.0
Northwest Territories	Yes	157.1	0.0	0.0	0.0	0.0	0.5	100.0
Nova Scotia	-	-	-	-	-	-	-	-
Nunavut	Yes	101.1	0.0	0.0	0.0	0.0	0.0	100.0
Ontario	Yes	102.9	0.0	0.0	0.0	0.0	1.5	100.0
Prince Edward Island	Yes	112.0	0.0	0.0	0.0	0.0	0.3	100.0
Quebec	-	-	-	-	-	-	-	-
Saskatchewan	Yes	115.2	0.0	0.0	0.0	0.0	0.6	100.0
Yukon	No	-	-	-	-	-	-	-

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Registry	Met Combined Criteria	Completeness of Case Ascertainment	Missing Race	Missing Sex	Missing County	Missing Age	DCO Cases	Passing Edits
Alabama	Yes	100.3	2.0	0.0	0.7	0.0	2.1	100.0
Alaska	Yes	108.9	0.4	0.0	0.0	0.0	1.0	100.0
Arizona	Yes	99.5	0.7	0.0	0.0	0.0	2.1	100.0
Arkansas	Yes	106.4	1.6	0.0	0.5	0.0	2.2	100.0
California	Yes	98.0	2.5	0.0	0.0	0.0	0.9	100.0
Greater California	Yes	97.7	2.5	0.0	0.0	0.0	1.1	100.0
Greater Bay	Yes	109.6	2.3	0.0	0.0	0.0	0.7	100.0
Los Angeles	Yes	91.4	2.6	0.0	0.0	0.0	0.7	100.0
Colorado	Yes	98.7	1.9	0.0	0.3	0.0	1.4	100.0
Connecticut	Yes	115.4	0.7	0.0	0.0	0.0	0.6	100.0
Delaware	Yes	99.8	0.4	0.0	0.0	0.0	0.8	100.0
District of Columbia	Yes	96.4	3.9	0.0	0.8	0.0	3.1	100.0
Florida	Yes	107.9	2.7	0.0	0.0	0.0	1.5	100.0
Georgia	Yes	108.7	0.2	0.0	0.0	0.0	1.0	100.0
Hawaii	Yes	115.3	1.3	0.0	0.0	0.0	1.5	100.0
Idaho	Yes	102.5	0.9	0.0	0.0	0.0	1.3	100.0
Illinois	Yes	108.9	0.5	0.0	0.0	0.0	2.0	100.0
Indiana	Yes	102.6	0.6	0.0	0.0	0.0	1.4	100.0
Iowa	Yes	113.1	0.5	0.0	0.0	0.0	1.2	100.0
Kansas	Yes	103.8	2.4	0.0	0.0	0.0	0.3	100.0
Kentucky	Yes	111.2	0.8	0.0	0.0	0.0	0.8	100.0
Louisiana	Yes	104.8	0.1	0.0	0.0	0.0	0.9	100.0
Maine	Yes	108.8	0.7	0.0	0.0	0.0	2.2	100.0
Maryland	Yes	105.4	0.3	0.0	0.3	0.0	3.6	100.0
Massachusetts	Yes	108.5	2.4	0.0	0.0	0.0	1.6	100.0
Michigan	Yes	101.0	1.7	0.0	0.0	0.0	2.2	100.0
Detroit	Yes	110.3	0.3	0.0	0.0	0.0	1.3	100.0
Minnesota	Yes	117.8	1.0	0.0	0.0	0.0	0.7	100.0
Mississippi	Yes	105.2	0.0	0.0	0.0	0.0	0.5	100.0
Missouri	Yes	105.1	0.4	0.0	0.0	0.0	2.4	100.0
Montana	Yes	109.4	1.1	0.0	0.0	0.0	1.6	100.0
Nebraska	Yes	110.0	0.6	0.0	0.0	0.0	1.3	100.0
Nevada	Yes	91.6	1.3	0.0	0.9	0.0	2.1	100.0
New Hampshire	Yes	106.3	1.3	0.0	0.0	0.0	1.5	100.0
New Jersey	Yes	112.7	1.8	0.0	0.0	0.0	1.2	100.0
New Mexico	Yes	91.0	1.5	0.0	0.0	0.0	1.3	100.0
New York	Yes	117.3	0.7	0.0	0.0	0.0	1.1	100.0
North Carolina	Yes	107.5	1.7	0.0	0.1	0.0	0.7	100.0
North Dakota	Yes	121.0	0.7	0.0	0.2	0.0	0.8	100.0
Ohio	Yes	100.5	1.2	0.0	0.0	0.0	2.7	100.0
Oklahoma	Yes	92.4	1.3	0.0	0.0	0.0	2.1	100.0
Oregon	Yes	100.8	1.4	0.0	0.0	0.0	1.6	100.0
Pennsylvania	Yes	107.3	1.3	0.0	0.0	0.0	2.7	100.0
Rhode Island	Yes	106.8	1.4	0.0	0.0	0.0	2.2	100.0
South Carolina	Yes	102.8	0.5	0.0	0.0	0.0	1.7	100.0
South Dakota	Yes	107.2	0.1	0.0	0.0	0.0	0.8	100.0
Tennessee	Yes	103.6	0.3	0.0	0.0	0.0	2.4	100.0
Texas	Yes	100.2	0.4	0.0	0.0	0.0	2.2	100.0
Utah	Yes	106.7	1.1	0.0	0.0	0.0	0.9	100.0
Vermont	Yes	108.6	0.7	0.0	0.0	0.0	1.9	100.0
Virginia	Yes	95.7	2.1	0.0	0.4	0.0	2.1	100.0
Washington	Yes	102.2	1.9	0.0	0.0	0.0	1.1	100.0
Seattle	Yes	111.8	1.5	0.0	0.0	0.0	0.6	100.0
West Virginia	Yes	110.4	0.4	0.0	0.0	0.0	0.7	100.0
Wisconsin	Yes	107.9	0.5	0.0	0.0	0.0	1.1	100.0
Wyoming	Yes	98.7	0.0	0.0	0.0	0.0	0.9	100.0
Puerto Rico	Yes	100.6	na	0.0	0.4	0.0	2.2	100.0

Appendix D - 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	100.1	0.0	0.0	0.0	0.0	0.1	100.0
British Columbia	Yes	93.3	0.0	0.0	0.0	0.0	1.3	100.0
Manitoba	Yes	96.5	0.0	0.0	0.0	0.0	0.0	100.0
New Brunswick	Yes	101.8	0.0	0.0	0.0	0.0	0.2	100.0
Newfoundland and Labrador	Yes	105.3	0.0	0.0	0.0	0.0	0.6	100.0
Northwest Territories	Yes	171.0	0.0	0.0	0.0	0.0	0.0	100.0
Nova Scotia	-	-	-	-	-	-	-	-
Nunavut	Yes	114.9	0.0	0.0	0.0	0.0	0.0	100.0
Ontario	Yes	106.0	0.0	0.0	0.0	0.0	1.4	100.0
Prince Edward Island	Yes	107.9	0.0	0.0	0.0	0.0	0.3	100.0
Quebec	-	-	-	-	-	-	-	-
Saskatchewan	Yes	109.7	0.0	0.0	0.0	0.0	0.4	100.0
Yukon	No	-	-	-	-	-	-	-

Appendix D - 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	98.9	2.1	0.0	0.4	0.0	2.1	100.0
Alaska	Yes	102.9	0.5	0.0	0.0	0.0	0.8	100.0
Arizona	Yes	96.1	2.4	0.0	0.0	0.0	1.4	100.0
Arkansas	Yes	111.3	2.0	0.0	1.4	0.0	2.4	100.0
California	Yes	96.9	2.6	0.0	0.0	0.0	1.7	100.0
Greater California	Yes	96.9	2.9	0.0	0.0	0.0	1.9	100.0
Greater Bay	Yes	107.2	2.5	0.0	0.0	0.0	1.3	100.0
Los Angeles	Yes	98.5	1.8	0.0	0.0	0.0	1.6	100.0
Colorado	Yes	95.9	1.0	0.0	0.3	0.0	2.2	100.0
Connecticut	Yes	111.7	1.4	0.0	0.0	0.0	1.0	100.0
Delaware	Yes	98.1	2.7	0.0	0.1	0.0	0.8	100.0
District of Columbia	Yes	94.5	0.7	0.0	0.2	0.0	2.5	100.0
Florida	Yes	105.1	2.8	0.0	0.0	0.0	1.7	100.0
Georgia	Yes	107.8	0.4	0.0	0.0	0.0	1.3	100.0
Hawaii	Yes	108.8	1.5	0.0	0.0	0.0	1.5	100.0
Idaho	Yes	99.1	0.8	0.0	0.0	0.0	1.1	100.0
Illinois	Yes	106.6	0.9	0.0	0.0	0.0	1.5	100.0
Indiana	No	-	-	-	-	-	-	-
Iowa	Yes	109.1	0.8	0.0	0.0	0.0	1.6	100.0
Kansas	Yes	98.0	2.7	0.0	0.0	0.0	0.3	100.0
Kentucky	Yes	110.1	0.9	0.0	0.0	0.0	0.6	100.0
Louisiana	Yes	102.9	0.3	0.0	0.0	0.0	1.0	100.0
Maine	Yes	105.7	1.2	0.0	0.0	0.0	2.4	100.0
Maryland	Yes	102.8	0.3	0.0	1.5	0.0	3.0	100.0
Massachusetts	Yes	99.9	1.6	0.0	0.3	0.0	1.8	100.0
Michigan	Yes	99.2	1.4	0.0	0.0	0.0	1.2	100.0
Detroit	Yes	109.0	0.9	0.0	0.0	0.0	1.3	100.0
Minnesota	Yes	113.0	2.1	0.0	0.0	0.0	0.7	100.0
Mississippi	Yes	104.3	0.1	0.0	0.0	0.0	0.7	100.0
Missouri	Yes	98.3	0.4	0.0	0.0	0.0	2.5	100.0
Montana	Yes	101.5	1.5	0.0	0.0	0.0	1.8	100.0
Nebraska	Yes	104.4	1.0	0.0	0.0	0.0	1.3	100.0
Nevada	No	-	-	-	-	-	-	-
New Hampshire	Yes	107.5	1.5	0.0	0.0	0.0	1.5	100.0
New Jersey	Yes	112.9	2.5	0.0	0.0	0.0	0.9	100.0
New Mexico	Yes	98.6	2.9	0.0	0.4	0.0	1.4	100.0
New York	Yes	113.8	1.2	0.0	0.0	0.0	0.9	100.0
North Carolina	Yes	105.0	1.7	0.0	0.1	0.0	0.8	100.0
North Dakota	Yes	105.5	1.4	0.0	1.8	0.0	0.9	100.0
Ohio	Yes	100.8	1.2	0.0	0.0	0.0	2.6	100.0
Oklahoma	Yes	100.5	0.6	0.0	0.0	0.0	2.7	100.0
Oregon	Yes	100.6	0.9	0.0	0.0	0.0	1.9	100.0
Pennsylvania	Yes	104.4	1.4	0.0	0.0	0.0	2.8	100.0
Rhode Island	Yes	101.1	0.9	0.0	0.0	0.0	1.8	100.0
South Carolina	Yes	99.9	1.1	0.0	0.0	0.0	2.2	100.0
South Dakota	Yes	106.6	0.0	0.0	0.0	0.0	1.2	100.0
Tennessee	Yes	100.9	1.0	0.0	0.0	0.0	2.4	100.0
Texas	Yes	100.5	0.4	0.0	0.0	0.0	2.5	100.0
Utah	Yes	106.5	2.0	0.0	0.0	0.0	1.1	100.0
Vermont	Yes	102.0	1.4	0.0	0.5	0.0	1.8	100.0
Virginia	Yes	94.4	1.2	0.0	0.2	0.0	2.8	100.0
Washington	Yes	102.0	2.3	0.0	0.0	0.0	1.9	100.0
Seattle	Yes	113.2	2.5	0.0	0.0	0.0	0.3	100.0
West Virginia	Yes	106.3	0.5	0.0	0.0	0.0	0.7	100.0
Wisconsin	Yes	107.5	0.6	0.0	0.0	0.0	1.1	100.0
Wyoming	Yes	101.4	0.4	0.0	0.0	0.0	0.3	100.0
Puerto Rico	Yes	99.3	na	0.0	0.7	0.0	2.8	100.0

Appendix D - 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
Alberta	Yes	101.4	0.0	0.0	0.0	0.0	0.1	100.0
British Columbia	Yes	96.5	0.0	0.0	0.0	0.0	1.2	100.0
Manitoba	Yes	103.9	0.0	0.0	0.0	0.0	0.0	100.0
New Brunswick	Yes	100.1	0.0	0.0	0.0	0.0	0.2	100.0
Newfoundland and Labrador	Yes	104.3	0.0	0.0	0.0	0.0	0.4	100.0
Northwest Territories	Yes	147.6	0.0	0.0	0.0	0.0	0.0	100.0
Nova Scotia	-	-	-	-	-	-	-	-
Nunavut	Yes	151.2	0.0	0.0	0.0	0.0	0.0	100.0
Ontario	Yes	104.8	0.0	0.0	0.0	0.0	1.2	100.0
Prince Edward Island	Yes	94.8	0.0	0.0	0.0	0.0	0.5	100.0
Quebec	-	-	-	-	-	-	-	-
Saskatchewan	Yes	104.6	0.0	0.0	0.0	0.0	0.6	100.0
Yukon	No	-	-	-	-	-	-	-