

Appendix D - Data Quality Indicators by Year and Registry

2012								
Registry	Met Combined Criteria	Completeness of Case Ascertainment	Missing Race	Missing Sex	Missing County	Missing Age	DCO Cases	Passing Edits
Alabama	Yes	97.0	0.8	0.0	0.4	0.0	0.6	100.0
Alaska	Yes	98.7	0.3	0.0	0.0	0.0	1.7	100.0
Arizona	Yes	94.8	0.7	0.0	0.0	0.0	2.3	100.0
Arkansas	Yes	95.3	1.3	0.0	0.4	0.0	3.5	100.0
California	Yes	97.7	1.7	0.0	0.0	0.0	0.4	100.0
Greater California	Yes	97.7	1.9	0.0	0.0	0.0	0.4	100.0
Greater Bay	Yes	104.8	1.2	0.0	0.0	0.0	0.5	100.0
Los Angeles	Yes	93.7	1.8	0.0	0.0	0.0	0.3	100.0
Colorado	Yes	99.3	2.0	0.0	0.2	0.0	2.6	100.0
Connecticut	Yes	116.6	0.8	0.0	0.0	0.0	1.1	100.0
Delaware	Yes	108.3	0.3	0.0	0.0	0.0	1.6	100.0
District of Columbia	Yes	111.2	2.2	0.0	0.0	0.0	1.4	100.0
Florida	Yes	104.4	0.8	0.0	0.0	0.0	1.4	100.0
Georgia	Yes	107.2	0.3	0.0	0.0	0.0	1.4	100.0
Hawaii	Yes	105.7	0.8	0.0	0.0	0.0	0.7	100.0
Idaho	Yes	100.2	1.6	0.0	0.0	0.0	2.3	100.0
Illinois	Yes	103.2	0.8	0.0	0.0	0.0	0.8	100.0
Indiana	Yes	98.0	0.9	0.0	0.0	0.0	1.0	100.0
Iowa	Yes	105.9	0.5	0.0	0.0	0.0	1.2	100.0
Kansas	Yes	98.2	1.4	0.0	0.0	0.0	0.1	100.0
Kentucky	Yes	108.7	0.8	0.0	0.0	0.0	0.7	100.0
Louisiana	Yes	100.3	0.1	0.0	0.0	0.0	1.1	100.0
Maine	Yes	108.0	0.2	0.0	0.0	0.0	2.1	100.0
Maryland	Yes	98.6	0.9	0.0	0.6	0.0	3.1	100.0
Massachusetts	Yes	105.4	1.7	0.0	0.0	0.0	2.2	100.0
Michigan	Yes	100.2	0.8	0.0	0.0	0.0	1.0	100.0
Detroit	Yes	107.4	1.0	0.0	0.0	0.0	1.3	100.0
Minnesota	Yes	107.9	0.8	0.0	0.0	0.0	1.7	100.0
Mississippi	Yes	98.7	0.0	0.0	0.0	0.0	0.6	100.0
Missouri	Yes	102.1	0.3	0.0	0.0	0.0	1.8	100.0
Montana	Yes	109.2	0.6	0.0	0.1	0.0	2.4	100.0
Nebraska	Yes	98.1	1.0	0.0	0.0	0.0	1.0	100.0
Nevada	No	88.9	1.5	0.0	0.0	0.0	5.3	100.0
New Hampshire	Yes	108.7	0.7	0.0	0.0	0.0	1.9	100.0
New Jersey	Yes	109.5	0.9	0.0	0.0	0.0	1.7	100.0
New Mexico	Yes	91.7	0.4	0.0	0.2	0.0	2.4	100.0
New York	Yes	109.7	0.6	0.0	0.0	0.0	0.9	100.0
North Carolina	Yes	103.5	0.3	0.0	0.2	0.0	1.9	100.0
North Dakota	Yes	113.3	1.0	0.0	0.0	0.0	0.8	100.0
Ohio	Yes	96.2	1.3	0.0	0.0	0.0	2.9	100.0
Oklahoma	Yes	93.2	0.8	0.0	0.0	0.0	3.9	100.0
Oregon	Yes	97.3	0.8	0.0	0.0	0.0	2.0	100.0
Pennsylvania	Yes	104.1	1.3	0.0	0.0	0.0	1.8	100.0
Rhode Island	Yes	116.5	1.3	0.0	0.0	0.0	1.7	100.0
South Carolina	Yes	100.7	0.5	0.0	0.1	0.0	2.5	100.0
South Dakota	Yes	101.7	0.0	0.0	0.0	0.0	0.1	100.0
Tennessee	Yes	97.5	0.1	0.0	0.0	0.0	2.6	100.0
Texas	Yes	97.1	0.1	0.0	0.0	0.0	2.6	100.0
Utah	Yes	102.0	0.0	0.0	0.0	0.0	0.1	100.0
Vermont	Yes	107.9	0.6	0.0	0.0	0.0	1.9	100.0
Virginia	Yes	96.1	0.6	0.0	0.0	0.0	1.5	100.0
Washington	Yes	102.2	1.4	0.0	0.1	0.0	1.6	100.0
Seattle	Yes	106.6	0.5	0.0	0.0	0.0	0.5	100.0
West Virginia	Yes	101.7	0.1	0.0	0.0	0.0	0.8	100.0
Wisconsin	Yes	102.7	0.9	0.0	0.0	0.0	1.9	100.0
Wyoming	Yes	95.3	0.0	0.0	0.0	0.0	0.5	100.0
Puerto Rico	Yes	91.0	0.0	0.0	0.7	0.0	3.3	100.0

Appendix D - Data Quality Indicators by Year and Registry

2012

Registry	Met Combined Criteria	Completeness of Case Ascertainment	Missing Race	Missing Sex	Missing County	Missing Age	DCO Cases	Passing Edits
Alberta	Yes	105.7	0.0	0.0	0.0	0.0	0.1	100.0
British Columbia	Yes	99.8	0.0	0.0	0.0	0.0	0.9	100.0
Manitoba	Yes	107.3	0.0	0.0	0.0	0.0	0.6	100.0
New Brunswick	Yes	110.8	0.0	0.0	0.0	0.0	0.3	100.0
Newfoundland and Labrador	Yes	107.5	0.0	0.0	0.0	0.0	0.0	100.0
Northwest Territories	Yes	168.5	0.0	0.0	0.0	0.0	0.6	100.0
Nova Scotia	Yes	101.6	0.0	0.0	0.0	0.0	1.4	100.0
Nunavut	Yes	131.4	0.0	0.0	0.0	0.0	0.0	100.0
Ontario	Yes	103.9	0.0	0.0	0.0	0.0	1.5	100.0
Prince Edward Island	Yes	110.9	0.0	0.0	0.0	0.0	0.2	100.0
Quebec	-	-	-	-	-	-	-	-
Saskatchewan	Yes	99.2	0.0	0.0	0.0	0.0	0.9	100.0

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2013								
Registry	Met Combined Criteria	Completeness of Case Ascertainment	Missing Race	Missing Sex	Missing County	Missing Age	DCO Cases	Passing Edits
Alabama	Yes	97.3	0.6	0.0	0.3	0.0	1.7	100.0
Alaska	Yes	98.3	0.1	0.0	0.0	0.0	1.4	100.0
Arizona	Yes	93.7	0.9	0.0	0.0	0.0	3.2	100.0
Arkansas	Yes	100.2	0.5	0.0	0.1	0.0	3.1	100.0
California	Yes	96.9	1.8	0.0	0.0	0.0	0.7	100.0
Greater California	Yes	96.3	1.9	0.0	0.0	0.0	0.6	100.0
Greater Bay	Yes	104.4	1.2	0.0	0.0	0.0	0.8	100.0
Los Angeles	Yes	93.6	2.2	0.0	0.0	0.0	0.8	100.0
Colorado	Yes	98.1	1.5	0.0	0.4	0.0	2.3	100.0
Connecticut	Yes	118.5	0.9	0.0	0.0	0.0	0.8	100.0
Delaware	Yes	110.5	0.3	0.0	0.0	0.0	1.7	100.0
District of Columbia	Yes	100.4	2.7	0.0	0.0	0.0	1.2	100.0
Florida	Yes	107.3	1.6	0.0	0.0	0.0	1.3	100.0
Georgia	Yes	104.8	0.4	0.0	0.0	0.0	1.3	100.0
Hawaii	Yes	112.5	0.8	0.0	0.0	0.0	1.2	100.0
Idaho	Yes	99.4	1.3	0.0	0.0	0.0	2.4	100.0
Illinois	Yes	102.6	0.6	0.0	0.0	0.0	1.0	100.0
Indiana	Yes	100.7	0.6	0.0	0.0	0.0	1.4	100.0
Iowa	Yes	105.7	0.6	0.0	0.0	0.0	1.5	100.0
Kansas	Yes	101.4	1.8	0.0	0.0	0.0	0.2	100.0
Kentucky	Yes	110.2	0.8	0.0	0.0	0.0	1.0	100.0
Louisiana	Yes	100.0	0.1	0.0	0.0	0.0	1.0	100.0
Maine	Yes	106.3	0.4	0.0	0.0	0.0	2.1	100.0
Maryland	Yes	100.7	0.4	0.0	0.3	0.0	2.9	100.0
Massachusetts	Yes	104.8	1.4	0.0	0.0	0.0	2.6	100.0
Michigan	Yes	99.6	0.8	0.0	0.0	0.0	1.3	100.0
Detroit	Yes	110.6	0.4	0.0	0.0	0.0	1.3	100.0
Minnesota	Yes	109.3	0.7	0.0	0.0	0.0	2.6	100.0
Mississippi	Yes	98.2	0.0	0.0	0.0	0.0	0.7	100.0
Missouri	Yes	100.8	0.2	0.0	0.0	0.0	2.3	100.0
Montana	Yes	107.2	0.5	0.0	0.0	0.0	2.1	100.0
Nebraska	Yes	103.6	0.7	0.0	0.0	0.0	0.9	100.0
Nevada	Yes	93.2	1.3	0.0	0.1	0.0	4.6	100.0
New Hampshire	Yes	109.0	1.4	0.0	0.0	0.0	1.4	100.0
New Jersey	Yes	110.2	1.8	0.0	0.0	0.0	1.1	100.0
New Mexico	Yes	87.0	0.4	0.0	0.1	0.0	4.3	100.0
New York	Yes	113.0	0.8	0.0	0.0	0.0	0.8	100.0
North Carolina	Yes	106.6	0.3	0.0	0.1	0.0	1.4	100.0
North Dakota	Yes	117.1	2.0	0.0	0.0	0.0	1.1	100.0
Ohio	Yes	99.4	1.4	0.0	0.0	0.0	3.3	100.0
Oklahoma	Yes	95.6	0.5	0.0	0.0	0.0	3.3	100.0
Oregon	Yes	101.9	0.3	0.0	0.0	0.0	2.2	100.0
Pennsylvania	Yes	108.3	1.4	0.0	0.0	0.0	1.7	100.0
Rhode Island	Yes	115.5	1.3	0.0	0.0	0.0	1.3	100.0
South Carolina	Yes	100.6	0.4	0.0	0.2	0.0	2.6	100.0
South Dakota	Yes	107.1	0.0	0.0	0.0	0.0	1.0	100.0
Tennessee	Yes	97.0	0.2	0.0	0.0	0.0	2.1	100.0
Texas	Yes	97.0	0.2	0.0	0.0	0.0	2.6	100.0
Utah	Yes	100.6	0.4	0.0	0.0	0.0	0.3	100.0
Vermont	Yes	102.0	1.7	0.0	0.0	0.0	1.4	100.0
Virginia	Yes	97.4	1.0	0.0	0.0	0.0	0.3	100.0
Washington	Yes	102.9	1.4	0.0	0.1	0.0	1.2	100.0
Seattle	Yes	108.2	0.7	0.0	0.0	0.0	0.3	100.0
West Virginia	Yes	101.7	0.3	0.0	0.0	0.0	0.9	100.0
Wisconsin	Yes	105.9	0.8	0.0	0.0	0.0	1.9	100.0
Wyoming	Yes	90.2	0.0	0.0	0.0	0.0	0.5	100.0
Puerto Rico	Yes	92.6	0.0	0.0	0.8	0.0	2.8	100.0

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Alberta	Yes	100.1	0.0	0.0	0.0	0.0	0.1	100.0
British Columbia	Yes	99.9	0.0	0.0	0.0	0.0	0.4	100.0
Manitoba	Yes	111.0	0.0	0.0	0.0	0.0	0.0	100.0
New Brunswick	Yes	117.1	0.0	0.0	0.0	0.0	0.1	100.0
Newfoundland and Labrador	Yes	103.7	0.0	0.0	0.0	0.0	0.9	100.0
Northwest Territories	Yes	133.1	0.0	0.0	0.0	0.0	0.7	100.0
Nova Scotia	Yes	105.6	0.0	0.0	0.0	0.0	1.0	100.0
Nunavut	No	82.5	0.0	0.0	0.0	0.0	0.0	100.0
Ontario	Yes	104.0	0.0	0.0	0.0	0.0	1.5	100.0
Prince Edward Island	Yes	107.8	0.0	0.0	0.0	0.0	0.0	100.0
Quebec	-	-	-	-	-	-	-	-
Saskatchewan	Yes	113.3	0.0	0.0	0.0	0.0	0.7	100.0

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2014								
Registry	Met Combined Criteria	Completeness of Case Ascertainment	Missing Race	Missing Sex	Missing County	Missing Age	DCO Cases	Passing Edits
Alabama	Yes	97.8	1.1	0.0	0.8	0.0	2.3	100.0
Alaska	Yes	102.2	0.2	0.0	0.0	0.0	2.0	100.0
Arizona	Yes	94.0	2.1	0.0	0.0	0.0	3.0	100.0
Arkansas	Yes	100.8	0.3	0.0	0.2	0.0	2.3	100.0
California	Yes	99.5	1.9	0.0	0.0	0.0	1.4	100.0
Greater California	Yes	98.8	1.9	0.0	0.0	0.0	1.6	100.0
Greater Bay	Yes	109.3	1.3	0.0	0.0	0.0	1.2	100.0
Los Angeles	Yes	95.2	2.3	0.0	0.0	0.0	1.2	100.0
Colorado	Yes	99.5	0.6	0.0	0.5	0.0	2.4	100.0
Connecticut	Yes	116.9	0.7	0.0	0.0	0.0	0.6	100.0
Delaware	Yes	109.8	0.1	0.0	0.0	0.0	1.0	100.0
District of Columbia	Yes	100.5	1.5	0.0	0.0	0.0	1.4	100.0
Florida	Yes	108.0	1.8	0.0	0.0	0.0	1.4	100.0
Georgia	Yes	108.2	0.2	0.0	0.0	0.0	1.8	100.0
Hawaii	Yes	107.9	2.2	0.0	0.0	0.0	1.1	100.0
Idaho	Yes	103.5	0.9	0.0	0.0	0.0	2.2	100.0
Illinois	Yes	105.0	0.6	0.0	0.0	0.0	2.1	100.0
Indiana	Yes	102.9	0.5	0.0	0.0	0.0	1.2	100.0
Iowa	Yes	108.4	0.5	0.0	0.0	0.0	1.7	100.0
Kansas	Yes	99.7	2.7	0.0	0.0	0.0	0.2	100.0
Kentucky	Yes	110.3	1.1	0.0	0.0	0.0	1.0	100.0
Louisiana	Yes	102.0	0.0	0.0	0.0	0.0	1.0	100.0
Maine	Yes	111.5	0.7	0.0	0.0	0.0	2.1	100.0
Maryland	Yes	100.8	0.2	0.0	0.2	0.0	2.6	100.0
Massachusetts	Yes	104.9	1.2	0.0	0.0	0.0	2.5	100.0
Michigan	Yes	100.5	1.0	0.0	0.0	0.0	2.0	100.0
Detroit	Yes	111.6	0.3	0.0	0.0	0.0	1.2	100.0
Minnesota	Yes	110.0	0.9	0.0	0.0	0.0	2.1	100.0
Mississippi	Yes	101.4	0.0	0.0	0.0	0.0	1.0	100.0
Missouri	Yes	102.6	0.2	0.0	0.0	0.0	2.4	100.0
Montana	Yes	106.1	0.6	0.0	0.0	0.0	1.8	100.0
Nebraska	Yes	104.9	0.7	0.0	0.0	0.0	1.5	100.0
Nevada	No	88.7	2.1	0.0	0.0	0.0	1.9	100.0
New Hampshire	Yes	111.6	1.4	0.0	0.0	0.0	1.0	100.0
New Jersey	Yes	110.6	1.9	0.0	0.0	0.0	1.4	100.0
New Mexico	Yes	94.2	1.2	0.0	0.2	0.0	1.7	100.0
New York	Yes	113.9	0.8	0.0	0.0	0.0	0.9	100.0
North Carolina	Yes	105.5	0.4	0.0	0.3	0.0	1.1	100.0
North Dakota	Yes	113.8	1.7	0.0	0.0	0.0	0.7	100.0
Ohio	Yes	101.3	0.9	0.0	0.0	0.0	3.5	100.0
Oklahoma	Yes	100.9	0.8	0.0	0.0	0.0	3.2	100.0
Oregon	Yes	103.1	1.0	0.0	0.0	0.0	4.0	100.0
Pennsylvania	Yes	108.1	1.5	0.0	0.0	0.0	2.3	100.0
Rhode Island	Yes	113.6	0.6	0.0	0.0	0.0	2.1	100.0
South Carolina	Yes	102.9	0.3	0.0	0.3	0.0	2.3	100.0
South Dakota	Yes	112.2	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	99.1	0.3	0.0	0.0	0.0	2.6	100.0
Utah	Yes	102.2	0.3	0.0	0.0	0.0	0.4	100.0
Vermont	Yes	106.8	1.8	0.0	0.0	0.0	1.7	100.0
Virginia	Yes	97.8	1.2	0.0	0.0	0.0	2.5	100.0
Washington	Yes	105.0	1.5	0.0	0.0	0.0	1.5	100.0
Seattle	Yes	113.2	1.0	0.0	0.0	0.0	0.4	100.0
West Virginia	Yes	99.9	0.4	0.0	0.0	0.0	0.8	100.0
Wisconsin	Yes	111.0	0.4	0.0	0.0	0.0	1.7	100.0
Wyoming	Yes	97.3	0.0	0.0	0.0	0.0	0.6	100.0
Puerto Rico	Yes	92.3	0.0	0.0	0.8	0.0	3.0	100.0

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Registry	Met Combined Criteria	Completeness of Case Ascertainment	Missing Race	Missing Sex	Missing County	Missing Age	DCO Cases	Passing Edits
Alberta	Yes	105.8	0.0	0.0	0.0	0.0	0.1	100.0
British Columbia	Yes	98.6	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	113.6	0.0	0.0	0.0	0.0	0.1	100.0
Newfoundland and Labrador	Yes	103.1	0.0	0.0	0.0	0.0	1.2	100.0
Northwest Territories	Yes	207.2	0.0	0.0	1.2	0.0	0.0	100.0
Nova Scotia	Yes	111.7	0.0	0.0	0.0	0.0	0.9	100.0
Nunavut	No	81.3	0.0	0.0	0.0	0.0	0.0	100.0
Ontario	Yes	102.3	0.0	0.0	0.0	0.0	1.4	100.0
Prince Edward Island	Yes	115.8	0.0	0.0	0.0	0.0	0.4	100.0
Quebec	-	-	-	-	-	-	-	-
Saskatchewan	Yes	103.3	0.0	0.0	0.0	0.0	0.7	100.0

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	99.9	1.1	0.0	0.7	0.0	2.4	100.0
Alaska	Yes	98.8	0.6	0.0	0.0	0.0	1.1	100.0
Arizona	Yes	95.0	2.2	0.0	0.0	0.0	3.1	100.0
Arkansas	Yes	102.7	1.4	0.0	0.7	0.0	2.7	100.0
California	Yes	98.3	2.2	0.0	0.0	0.0	1.5	100.0
Greater California	Yes	97.9	2.5	0.0	0.0	0.0	1.9	100.0
Greater Bay	Yes	108.4	1.4	0.0	0.0	0.0	1.0	100.0
Los Angeles	Yes	93.5	2.2	0.0	0.0	0.0	1.1	100.0
Colorado	Yes	99.1	0.8	0.0	0.1	0.0	1.8	100.0
Connecticut	Yes	115.2	1.2	0.0	0.0	0.0	0.4	100.0
Delaware	Yes	112.5	0.1	0.0	0.0	0.0	1.1	100.0
District of Columbia	No	85.7	2.5	0.0	0.0	0.0	0.8	100.0
Florida	Yes	109.1	2.4	0.0	0.0	0.0	1.5	100.0
Georgia	Yes	106.7	0.3	0.0	0.0	0.0	1.3	100.0
Hawaii	Yes	108.1	0.9	0.0	0.0	0.0	1.2	100.0
Idaho	Yes	105.9	0.4	0.0	0.0	0.0	2.4	100.0
Illinois	Yes	106.4	0.8	0.0	0.0	0.0	2.2	100.0
Indiana	Yes	105.1	0.6	0.0	0.0	0.0	1.3	100.0
Iowa	Yes	109.5	0.5	0.0	0.0	0.0	1.4	100.0
Kansas	Yes	100.6	2.3	0.0	0.0	0.0	0.2	100.0
Kentucky	Yes	110.3	1.9	0.0	0.0	0.0	0.9	100.0
Louisiana	Yes	103.0	0.0	0.0	0.0	0.0	1.1	100.0
Maine	Yes	109.1	0.5	0.0	0.0	0.0	2.1	100.0
Maryland	Yes	106.4	0.2	0.0	0.1	0.0	2.6	100.0
Massachusetts	Yes	108.3	2.0	0.0	0.0	0.0	2.3	100.0
Michigan	Yes	100.8	0.6	0.0	0.2	0.0	1.2	100.0
Detroit	Yes	111.2	0.1	0.0	0.0	0.0	1.3	100.0
Minnesota	Yes	115.2	1.7	0.0	0.0	0.0	2.8	100.0
Mississippi	Yes	100.0	0.1	0.0	0.0	0.0	1.3	100.0
Missouri	Yes	103.1	0.2	0.0	0.0	0.0	2.5	100.0
Montana	Yes	107.7	0.5	0.0	0.0	0.0	2.1	100.0
Nebraska	Yes	107.8	0.7	0.0	0.0	0.0	1.2	100.0
Nevada	No	84.7	1.1	0.0	0.2	0.0	2.6	100.0
New Hampshire	Yes	110.2	1.1	0.0	0.0	0.0	0.9	100.0
New Jersey	Yes	111.1	2.0	0.0	0.0	0.0	1.5	100.0
New Mexico	Yes	93.5	1.4	0.0	0.1	0.0	3.8	100.0
New York	Yes	115.6	0.9	0.0	0.0	0.0	1.1	100.0
North Carolina	Yes	107.4	0.5	0.0	0.4	0.0	0.9	100.0
North Dakota	Yes	108.3	1.0	0.0	0.0	0.0	1.0	100.0
Ohio	Yes	102.9	1.2	0.0	0.0	0.0	3.6	100.0
Oklahoma	Yes	97.9	1.2	0.0	0.0	0.0	2.7	100.0
Oregon	Yes	97.0	0.5	0.0	0.0	0.0	1.8	100.0
Pennsylvania	Yes	109.1	1.5	0.0	0.0	0.0	2.4	100.0
Rhode Island	Yes	107.4	0.6	0.0	0.0	0.0	2.2	100.0
South Carolina	Yes	104.6	0.5	0.0	0.1	0.0	2.0	100.0
South Dakota	Yes	99.8	0.2	0.0	0.0	0.0	0.9	100.0
Tennessee	Yes	102.0	0.2	0.0	0.0	0.0	2.2	100.0
Texas	Yes	99.7	0.5	0.0	0.0	0.0	2.5	100.0
Utah	Yes	103.2	0.2	0.0	0.0	0.0	0.5	100.0
Vermont	Yes	101.1	0.5	0.0	0.0	0.0	0.9	100.0
Virginia	Yes	95.6	1.6	0.0	0.0	0.0	3.2	100.0
Washington	Yes	102.3	1.3	0.0	0.0	0.0	1.5	100.0
Seattle	Yes	112.5	1.4	0.0	0.0	0.0	0.4	100.0
West Virginia	Yes	100.9	0.8	0.0	0.0	0.0	1.0	100.0
Wisconsin	Yes	109.0	0.6	0.0	0.0	0.0	1.1	100.0
Wyoming	Yes	97.2	0.0	0.0	0.0	0.0	1.1	100.0
Puerto Rico	Yes	92.5	0.0	0.0	0.9	0.0	2.8	100.0

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
Alberta	Yes	107.3	0.0	0.0	0.0	0.0	0.1	100.0
British Columbia	Yes	100.5	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	109.4	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	145.2	0.0	0.0	2.1	0.0	0.0	100.0
Nova Scotia	Yes	109.3	0.0	0.0	0.0	0.0	0.9	100.0
Nunavut	Yes	99.1	0.0	0.0	0.0	0.0	0.0	100.0
Ontario	No	99.5	0.0	0.0	0.0	0.0	-	100.0
Prince Edward Island	Yes	118.6	0.0	0.0	0.0	0.0	0.3	100.0
Quebec	-	-	-	-	-	-	-	-
Saskatchewan	Yes	103.3	0.0	0.0	0.0	0.0	0.6	100.0

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	101.7	1.7	0.0	0.7	0.0	2.1	100.0
Alaska	Yes	97.8	0.2	0.0	0.0	0.0	0.7	100.0
Arizona	Yes	95.1	1.9	0.0	0.0	0.0	3.9	100.0
Arkansas	Yes	103.8	1.7	0.0	0.6	0.0	2.7	100.0
California	Yes	94.8	2.5	0.0	0.0	0.0	0.4	100.0
Greater California	Yes	93.3	2.6	0.0	0.0	0.0	0.1	100.0
Greater Bay	Yes	105.6	2.1	0.0	0.0	0.0	0.2	100.0
Los Angeles	Yes	92.0	2.6	0.0	0.0	0.0	1.1	100.0
Colorado	Yes	97.3	0.9	0.0	0.0	0.0	2.0	100.0
Connecticut	Yes	113.9	1.4	0.0	0.0	0.0	0.7	100.0
Delaware	Yes	105.9	0.0	0.0	0.0	0.0	0.9	100.0
District of Columbia	No	84.5	4.1	0.0	0.8	0.0	1.0	100.0
Florida	Yes	101.3	2.7	0.0	0.0	0.0	1.7	100.0
Georgia	Yes	106.7	0.8	0.0	0.0	0.0	1.3	100.0
Hawaii	Yes	110.8	1.6	0.0	0.0	0.0	1.3	100.0
Idaho	Yes	102.4	0.4	0.0	0.0	0.0	2.0	100.0
Illinois	Yes	107.2	0.6	0.0	0.0	0.0	2.1	100.0
Indiana	Yes	102.2	0.6	0.0	0.0	0.0	1.2	100.0
Iowa	Yes	109.7	0.6	0.0	0.0	0.0	1.3	100.0
Kansas	Yes	99.4	2.9	0.0	0.0	0.0	0.2	100.0
Kentucky	Yes	109.0	1.8	0.0	0.0	0.0	0.9	100.0
Louisiana	Yes	103.6	0.1	0.0	0.0	0.0	1.1	100.0
Maine	Yes	110.6	0.3	0.0	0.0	0.0	2.1	100.0
Maryland	Yes	103.9	0.7	0.0	2.0	0.0	2.8	100.0
Massachusetts	Yes	95.1	1.6	0.0	0.0	0.0	2.0	100.0
Michigan	Yes	99.0	1.7	0.0	0.0	0.0	1.4	100.0
Detroit	Yes	113.4	0.1	0.0	0.0	0.0	1.1	100.0
Minnesota	Yes	113.2	1.2	0.0	0.0	0.0	1.1	100.0
Mississippi	Yes	102.5	0.3	0.0	0.0	0.0	0.9	100.0
Missouri	Yes	101.5	0.3	0.0	0.0	0.0	2.4	100.0
Montana	Yes	109.2	1.0	0.0	0.0	0.0	1.2	100.0
Nebraska	Yes	102.9	1.1	0.0	0.0	0.0	2.0	100.0
Nevada	No	87.8	1.0	0.0	0.1	0.0	2.8	100.0
New Hampshire	Yes	108.1	1.5	0.0	0.0	0.0	1.3	100.0
New Jersey	Yes	109.7	2.2	0.0	0.0	0.0	0.9	100.0
New Mexico	Yes	88.7	1.1	0.0	0.0	0.0	1.4	100.0
New York	Yes	116.0	1.4	0.0	0.0	0.0	0.8	100.0
North Carolina	Yes	106.2	1.3	0.0	0.2	0.0	0.9	100.0
North Dakota	Yes	113.9	0.5	0.0	0.1	0.0	1.0	100.0
Ohio	Yes	99.2	1.5	0.0	0.0	0.0	1.6	100.0
Oklahoma	Yes	95.3	0.8	0.0	0.0	0.0	1.9	100.0
Oregon	Yes	94.9	1.1	0.0	0.0	0.0	2.3	100.0
Pennsylvania	Yes	108.3	1.6	0.0	0.0	0.0	2.6	100.0
Rhode Island	Yes	108.7	1.0	0.0	0.0	0.0	0.8	100.0
South Carolina	Yes	102.0	0.4	0.0	0.0	0.0	1.8	100.0
South Dakota	Yes	111.0	0.3	0.0	0.0	0.0	0.8	100.0
Tennessee	Yes	97.2	0.7	0.0	0.0	0.0	2.4	100.0
Texas	Yes	97.7	1.0	0.0	0.0	0.0	2.5	100.0
Utah	Yes	99.7	0.5	0.0	0.0	0.0	0.3	100.0
Vermont	Yes	102.0	0.4	0.0	0.0	0.0	1.6	100.0
Virginia	Yes	97.9	1.5	0.0	0.0	0.0	3.0	100.0
Washington	Yes	103.9	1.6	0.0	0.0	0.0	1.0	100.0
Seattle	Yes	112.2	1.8	0.0	0.0	0.0	0.4	100.0
West Virginia	Yes	103.5	0.8	0.0	0.0	0.0	0.7	100.0
Wisconsin	Yes	105.5	1.0	0.0	0.0	0.0	1.1	100.0
Wyoming	Yes	99.3	0.0	0.0	0.0	0.0	0.7	100.0
Puerto Rico	Yes	92.1	0.0	0.0	0.6	0.0	2.5	100.0

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
Alberta	Yes	102.9	0.0	0.0	0.0	0.0	0.1	100.0
British Columbia	Yes	97.0	0.0	0.0	0.0	0.0	0.6	100.0
Manitoba	Yes	101.6	0.0	0.0	0.0	0.0	0.0	100.0
New Brunswick	Yes	108.1	0.0	0.0	0.0	0.0	0.2	100.0
Newfoundland and Labrador	Yes	108.5	0.0	0.0	0.0	0.0	0.3	100.0
Northwest Territories	Yes	156.1	0.0	0.0	2.9	0.0	0.5	100.0
Nova Scotia	Yes	105.8	0.0	0.0	0.0	0.0	1.1	100.0
Nunavut	Yes	98.2	0.0	0.0	0.0	0.0	0.0	100.0
Ontario	No	99.8	0.0	0.0	0.0	0.0	-	100.0
Prince Edward Island	Yes	109.9	0.0	0.0	0.0	0.0	0.3	100.0
Quebec	-	-	-	-	-	-	-	-
Saskatchewan	Yes	113.0	0.0	0.0	0.0	0.0	0.4	100.0