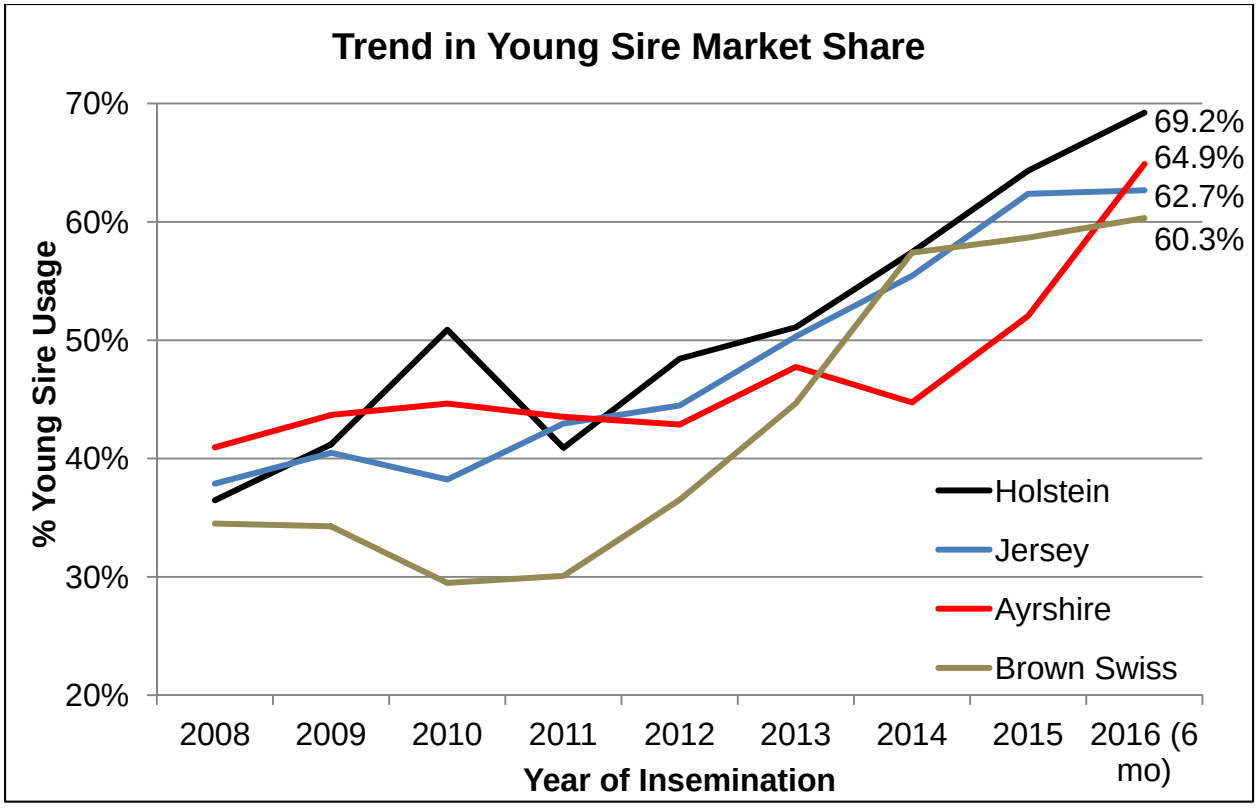
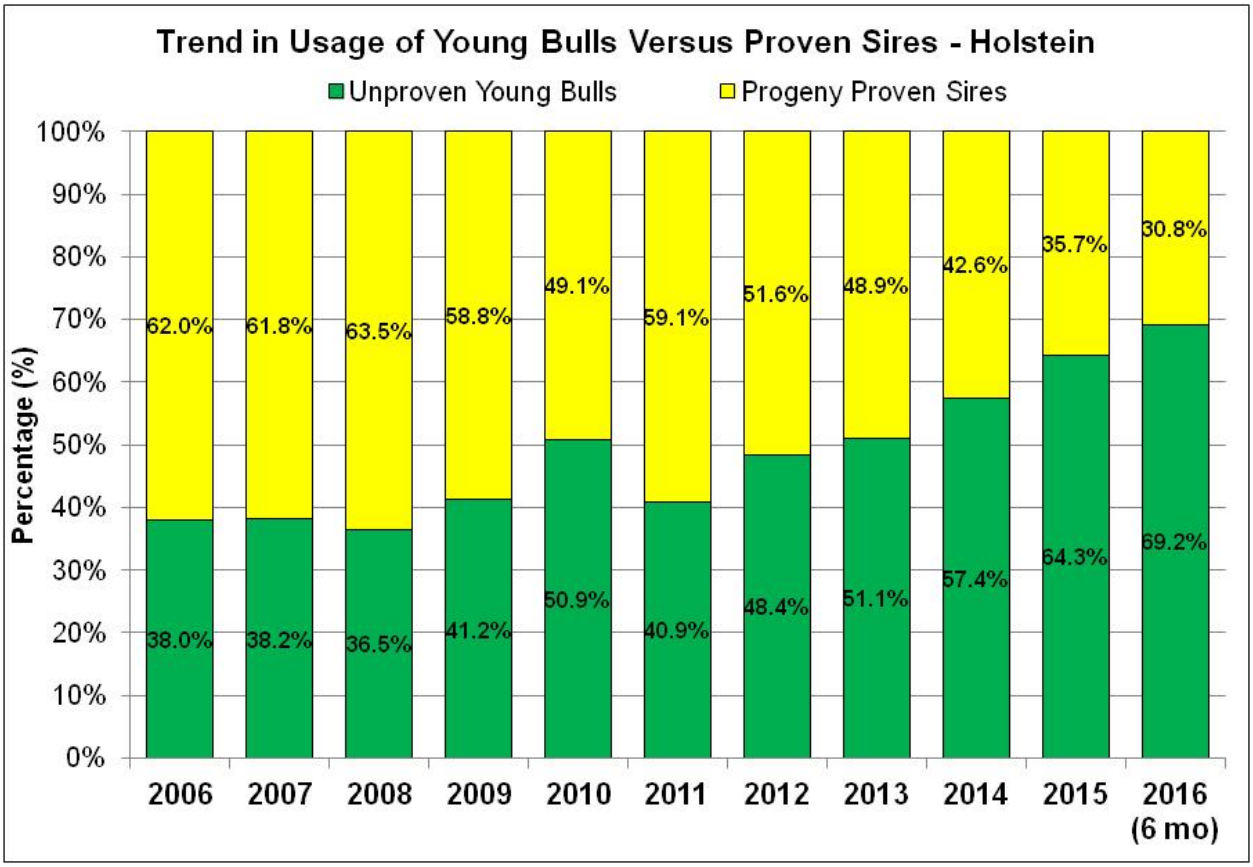
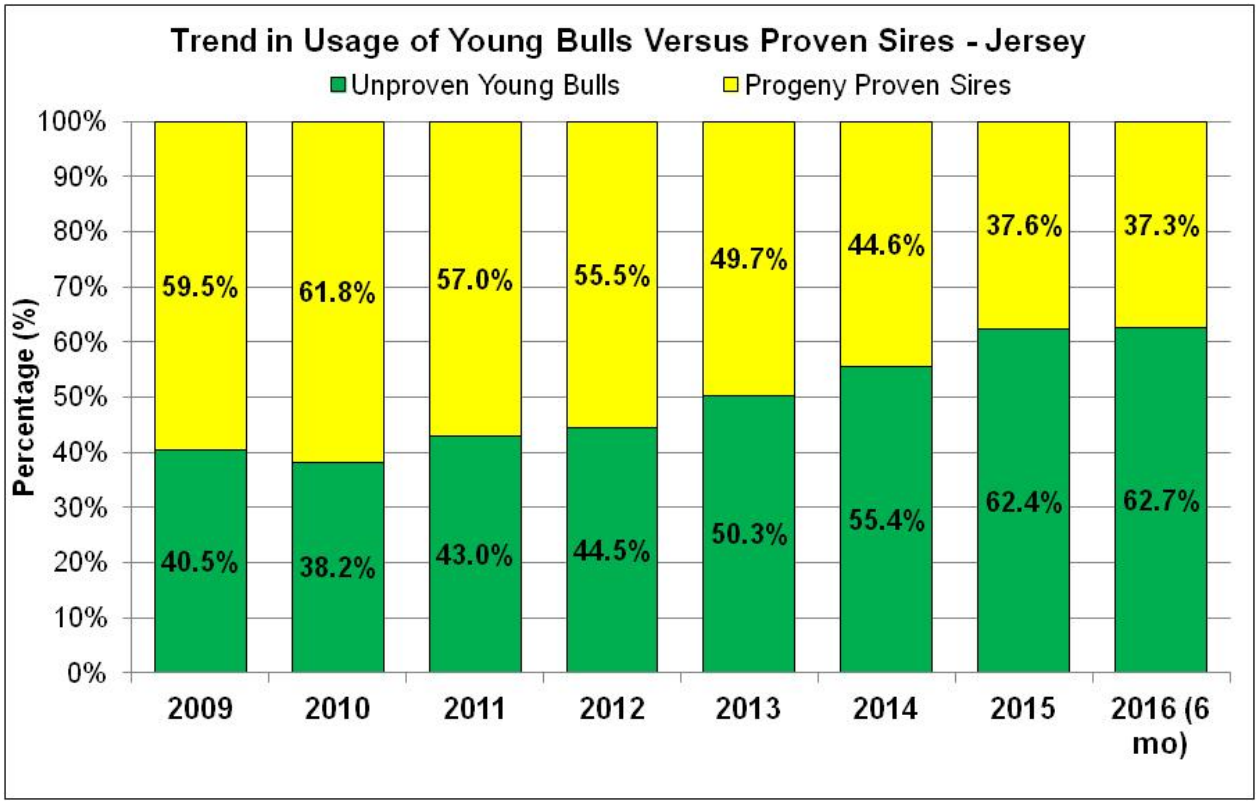
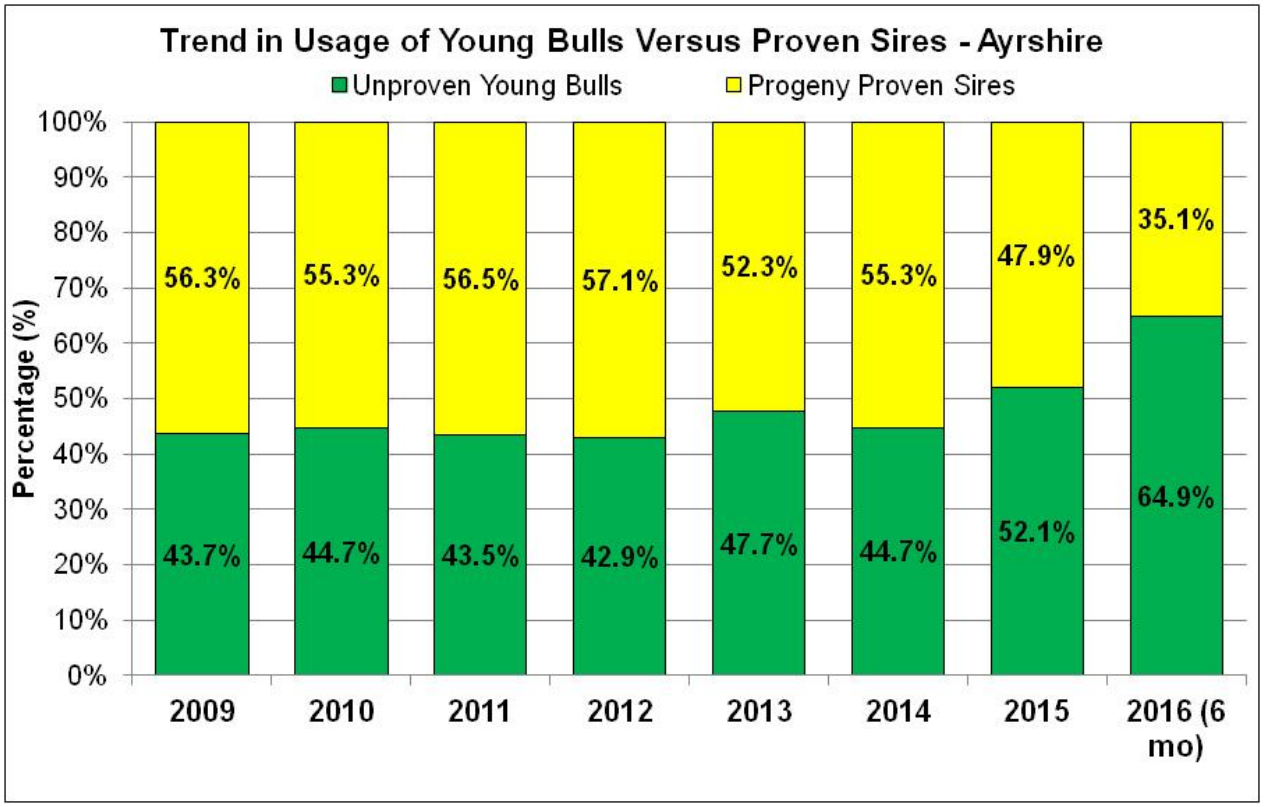
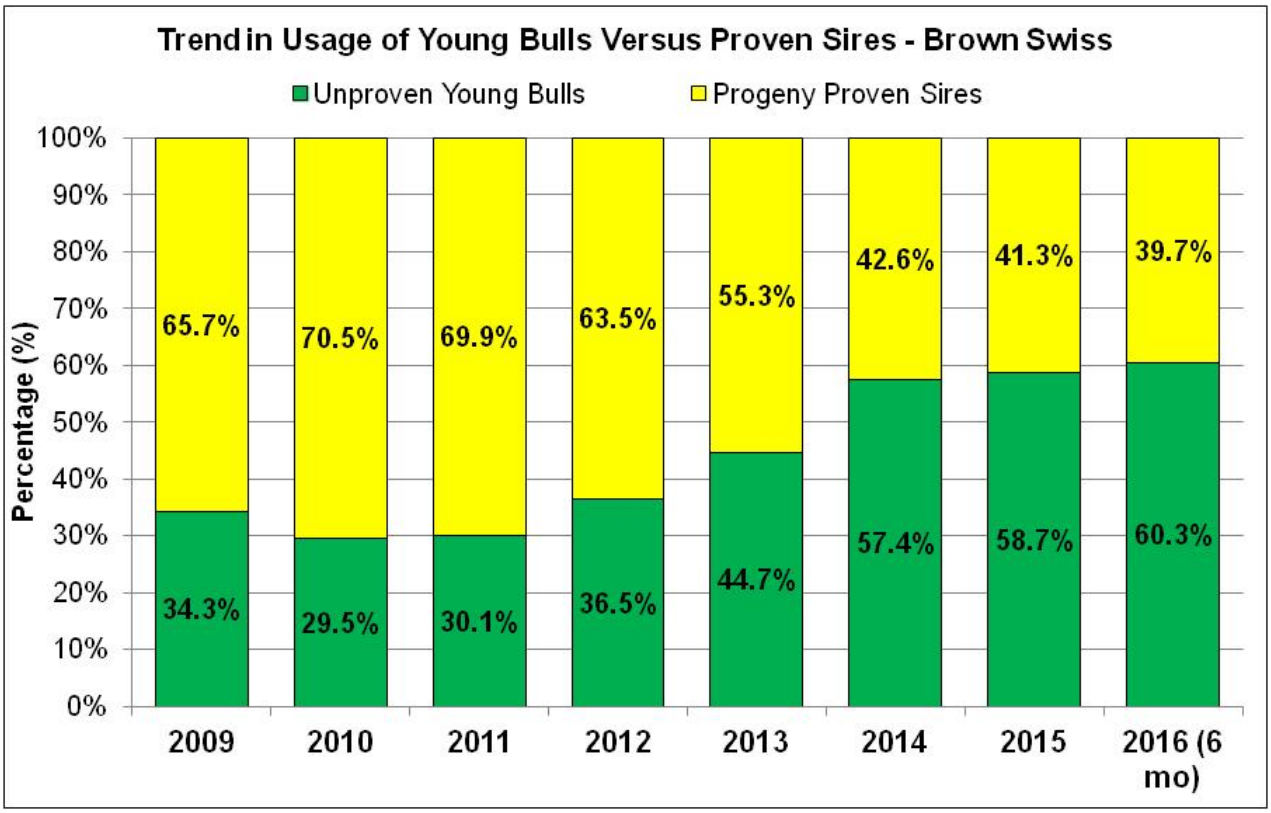

Trend in Young Sire Market Share
% Young Sire Usage
70%
60%
50%
40%
30%
20%
69.2%
64.9%
62.7%
60.3%
Holstein
Jersey
Ayrshire
Brown Swiss
2008
2009
2010
2011
2012
2013
2014
2015
2016 (6 mo)
Year of Insemination


Trend in Usage of Young Bulls Versus Proven Sires - Holstein
Unproven Young Bulls
Progeny Proven Sires
Percentage (%)
100%
90%
80%
70%
60%
50%
40%
30%
20%
10%
0%
62.0%
61.8%
63.5%
58.8%
49.1%
59.1%
51.6%
48.9%
42.6%
35.7%
30.8%
38.0%
38.2%
36.5%
41.2%
50.9%
40.9%
48.4%
51.1%
57.4%
64.3%
69.2%
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016 (6 mo)


Trend in Usage of Young Bulls Versus Proven Sires - Jersey
Unproven Young Bulls
Progeny Proven Sires
Percentage (%)
100%
90%
80%
70%
60%
50%
40%
30%
20%
10%
0%
59.5%
61.8%
57.0%
55.5%
49.7%
44.6%
37.6%
37.3%
40.5%
38.2%
43.0%
44.5%
50.3%
55.4%
62.4%
62.7%
2009
2010
2011
2012
2013
2014
2015
2016 (6 mo)


Trend in Usage of Young Bulls Versus Proven Sires - Ayrshire
Unproven Young Bulls
Progeny Proven Sires
Percentage (%)
100%
90%
80%
70%
60%
50%
40%
30%
20%
10%
0%
56.3%
55.3%
56.5%
57.1%
52.3%
55.3%
47.9%
35.1%
43.7%
44.7%
43.5%
42.9%
47.7%
44.7%
52.1%
64.9%
2009
2010
2011
2012
2013
2014
2015
2016 (6 mo)


Trend in Usage of Young Bulls Versus Proven Sires - Brown Swiss
Unproven Young Bulls
Progeny Proven Sires
Percentage (%)
100%
90%
80%
70%
60%
50%
40%
30%
20%
10%
0%
65.7%
70.5%
69.9%
63.5%
55.3%
42.6%
41.3%
39.7%
34.3%
29.5%
30.1%
36.5%
44.7%
57.4%
58.7%
60.3%
2009
2010
2011
2012
2013
2014
2015
2016 (6 mo)