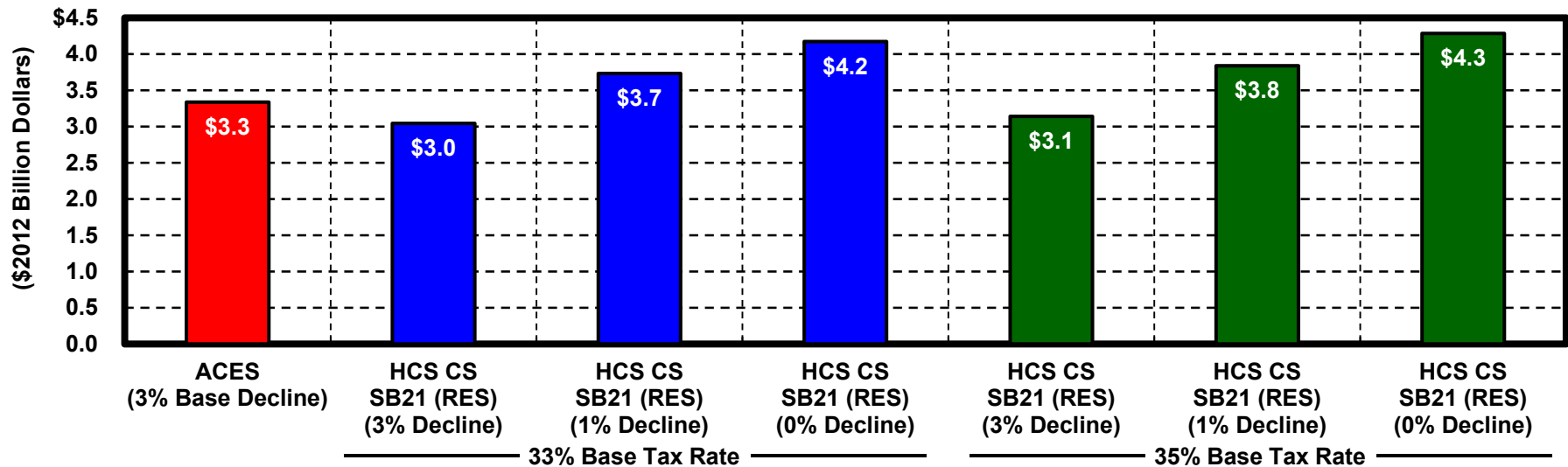
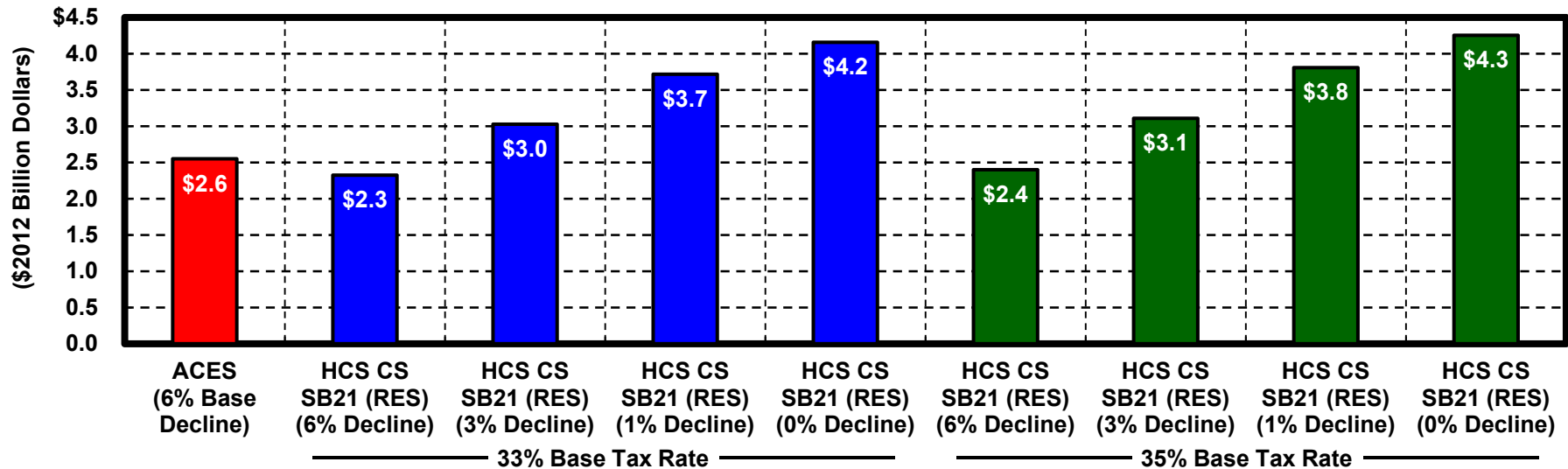
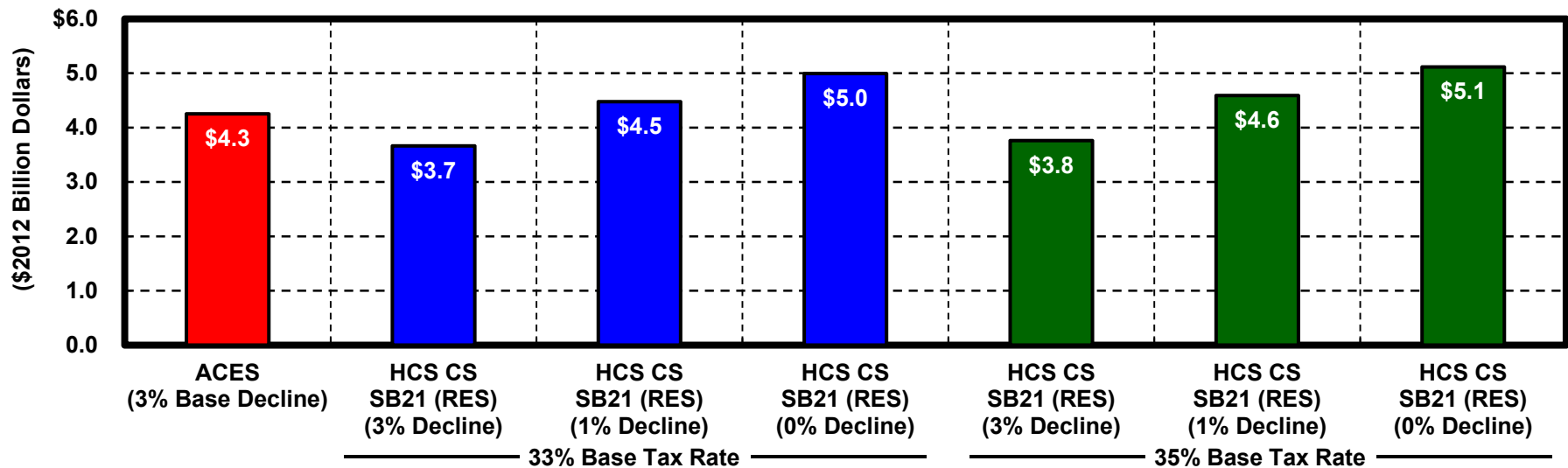
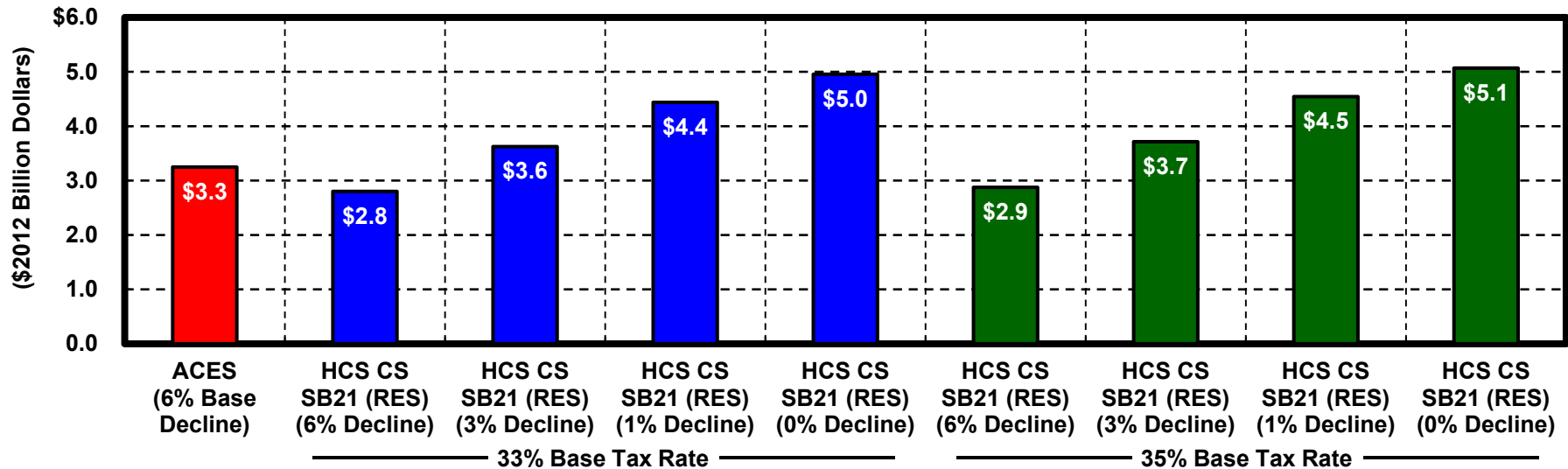


Estimated Average 2013 - 2042 State Oil Revenues (\$2012 Billion Dollars) Under Potential Production and Tax Scenarios ACES v. HCS CS SB21 (RES) \$90 West Coast ANS (\$2012)



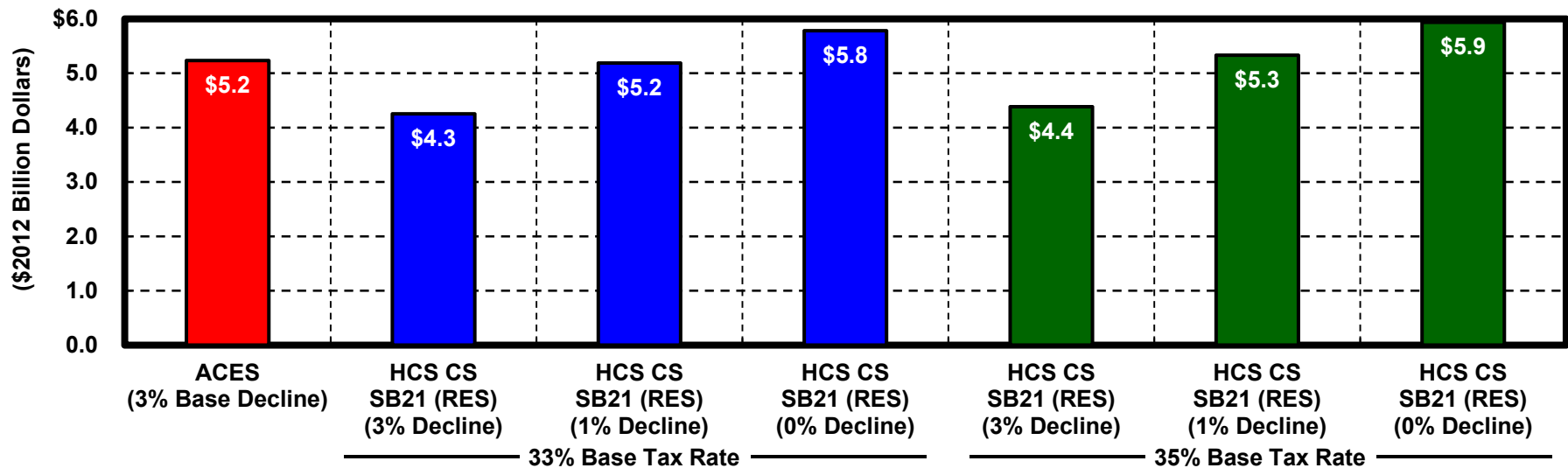
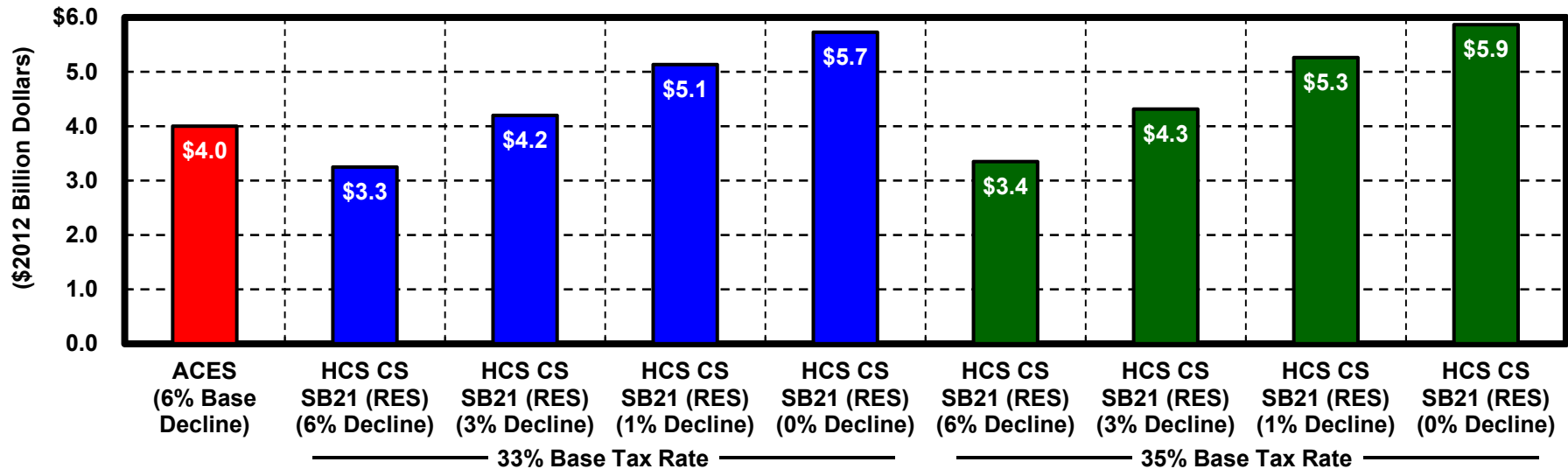
Note: All volumes over base assumed to qualify for GRE and carry 1/6th royalty.

Estimated Average 2013 - 2042 State Oil Revenues (\$2012 Billion Dollars) Under Potential Production and Tax Scenarios ACES v. HCS CS SB21 (RES) \$100 West Coast ANS (\$2012)



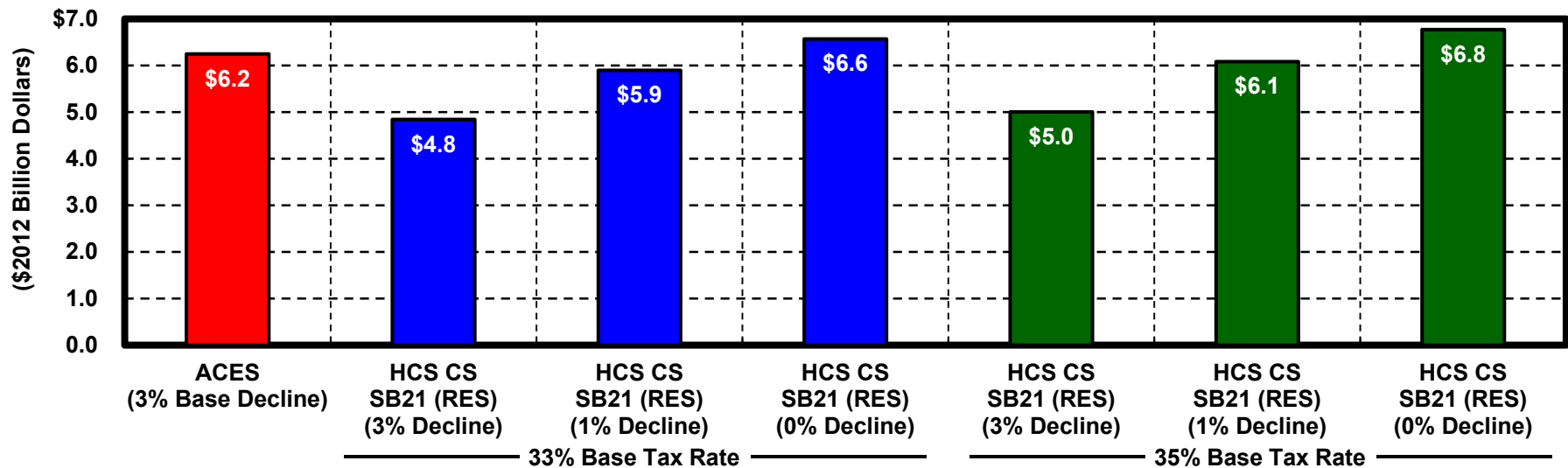
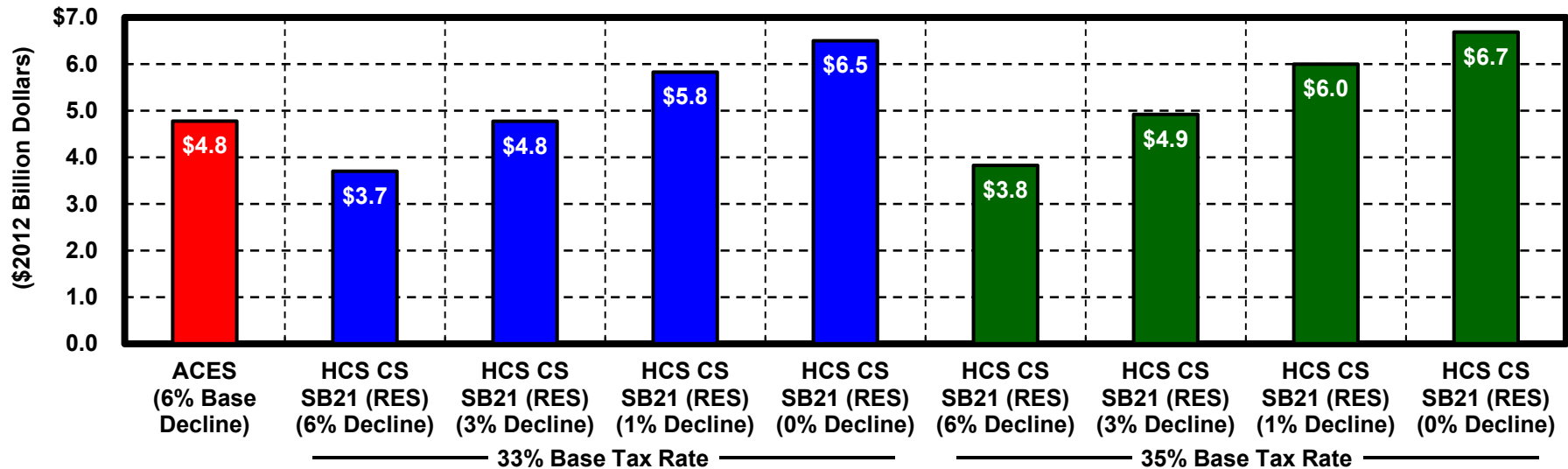
Note: All volumes over base assumed to qualify for GRE and carry 1/6th royalty.

Estimated Average 2013 - 2042 State Oil Revenues (\$2012 Billion Dollars) Under Potential Production and Tax Scenarios ACES v. HCS CS SB21 (RES) \$110 West Coast ANS (\$2012)



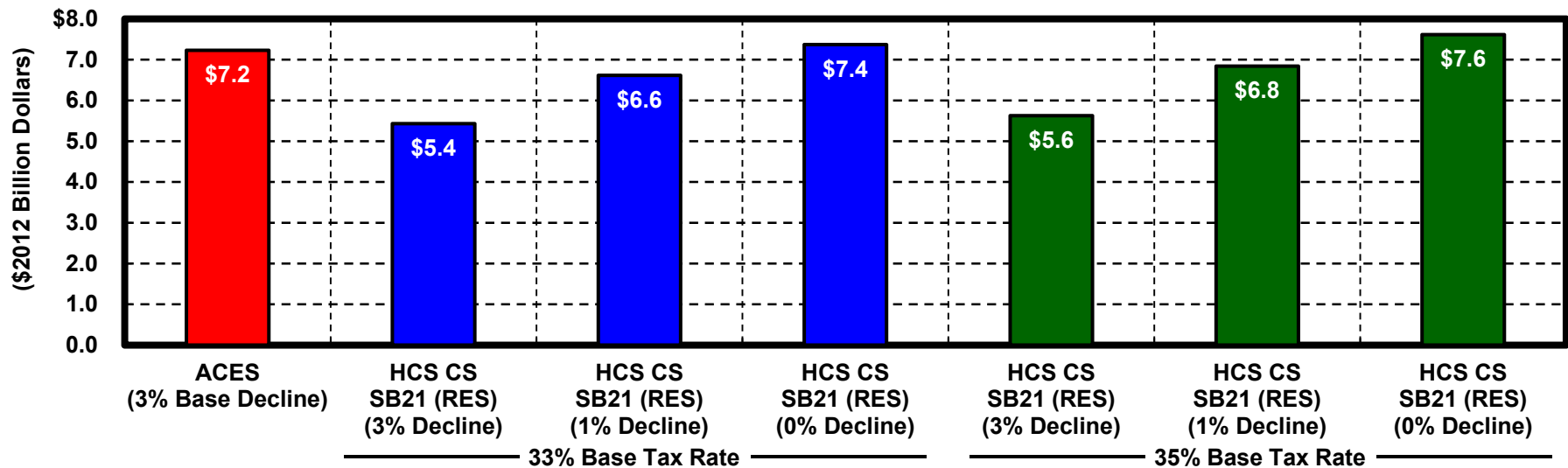
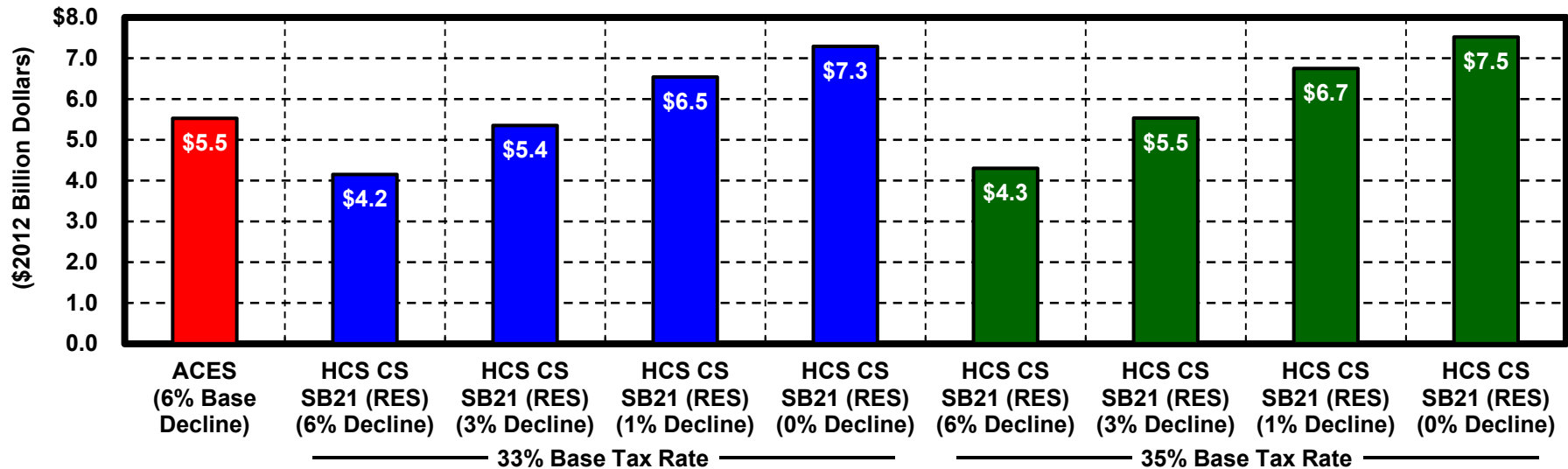
Note: All volumes over base assumed to qualify for GRE and carry 1/6th royalty.

Estimated Average 2013 - 2042 State Oil Revenues (\$2012 Billion Dollars) Under Potential Production and Tax Scenarios ACES v. HCS CS SB21 (RES) \$120 West Coast ANS (\$2012)



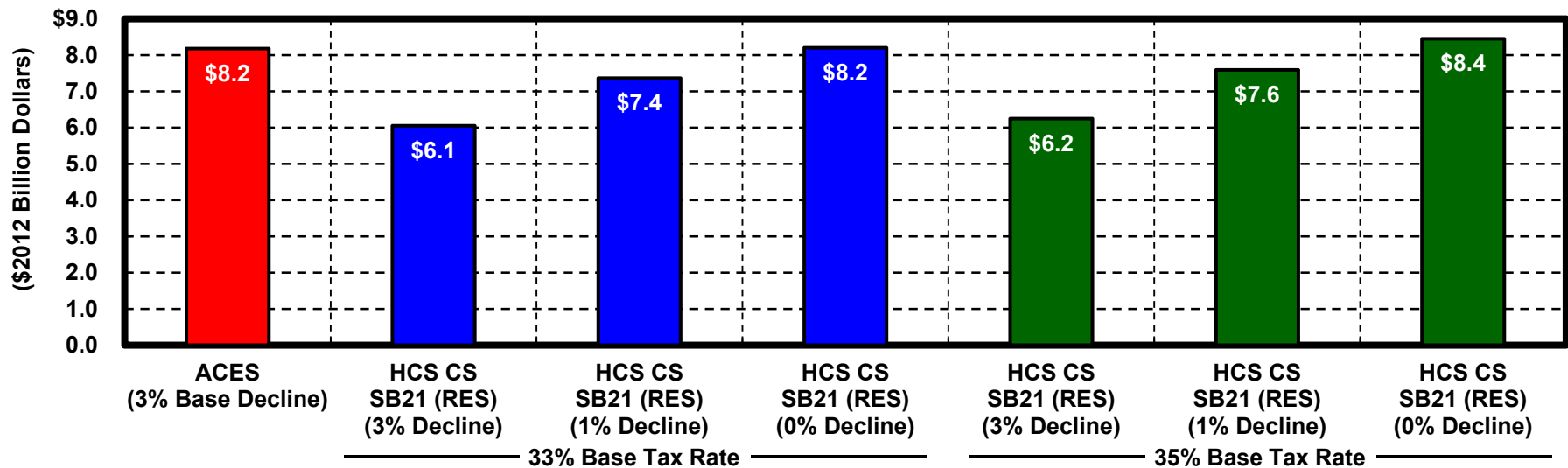
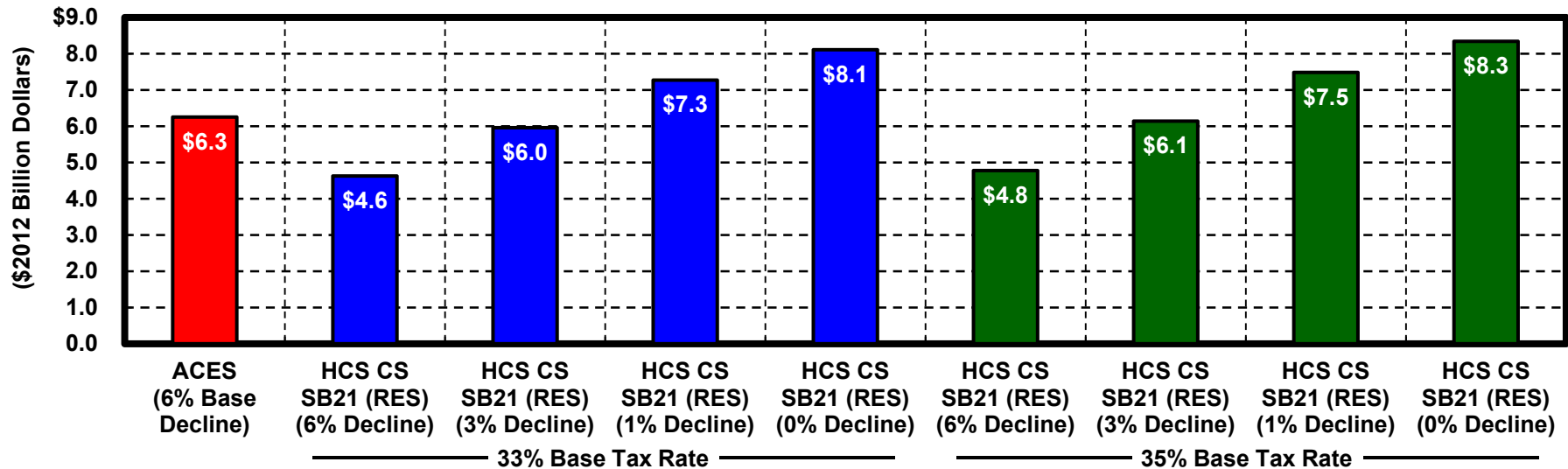
Note: All volumes over base assumed to qualify for GRE and carry 1/6th royalty.

Estimated Average 2013 - 2042 State Oil Revenues (\$2012 Billion Dollars) Under Potential Production and Tax Scenarios ACES v. HCS CS SB21 (RES) \$130 West Coast ANS (\$2012)



Note: All volumes over base assumed to qualify for GRE and carry 1/6th royalty.

Estimated Average 2013 - 2042 State Oil Revenues (\$2012 Billion Dollars) Under Potential Production and Tax Scenarios ACES v. HCS CS SB21 (RES) \$140 West Coast ANS (\$2012)

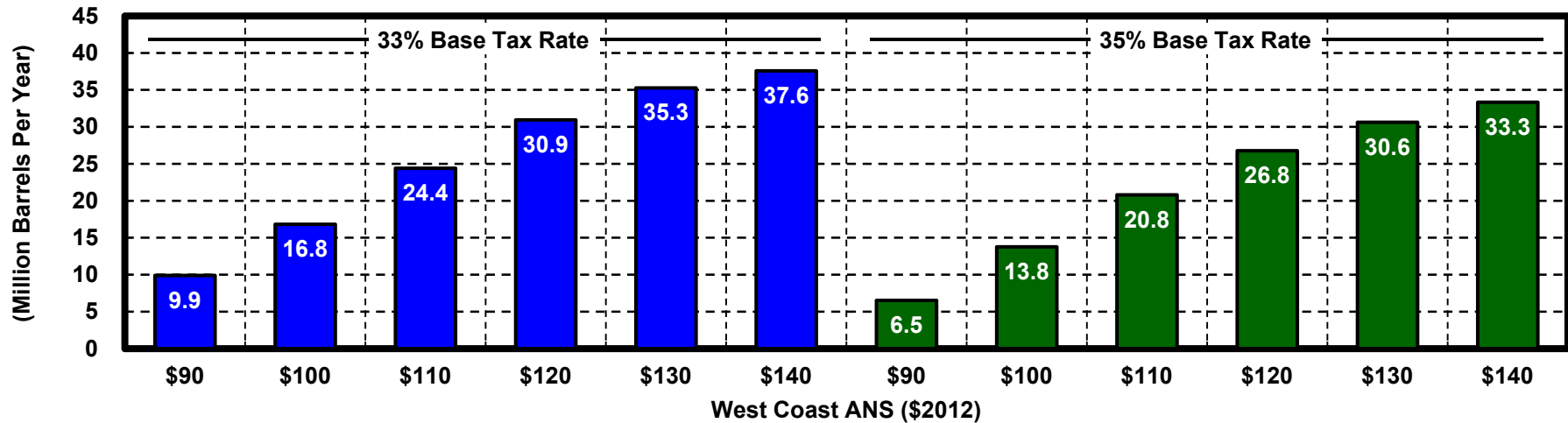


Note: All volumes over base assumed to qualify for GRE and carry 1/6th royalty.

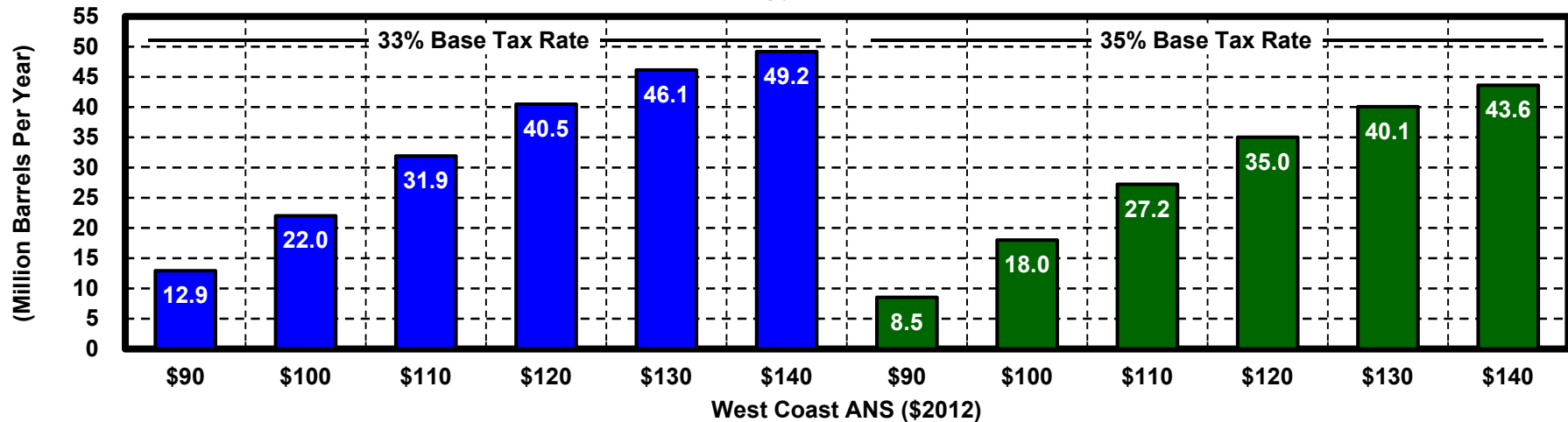
Estimated Additional Annual Volumes Needed (2013 - 2042) Under HCS CS SB21 (RES) to Match State Oil Revenues (\$2012 Billion Dollars) Under ACES at 6% and 3% Decline Rates



ACES at 6% Base Decline Rate



ACES at 3% Base Decline Rate



Note: All volumes over base assumed to qualify for GRE and carry 1/6th royalty.