

## 2018 LCFS Reporting Tool (LRT) Quarterly Data Summary Report No. 4

Figure 1<sup>1,2,3</sup> shows the total credits and deficits generated quarterly in the LCFS starting with calendar year 2011 through 2018. As shown, about 3.27 million metric tons (MT) of credits were generated in Q4 2018 compared to 3.20 million MT of deficits. Cumulatively through the end of Q4 2018, there have been a total of about 47.1 million MT credits and 38.4 million MT deficits, for a net total of about 8.7 million MT credits. Please note that these figures are subject to change as regulated parties may correct their quarterly data.

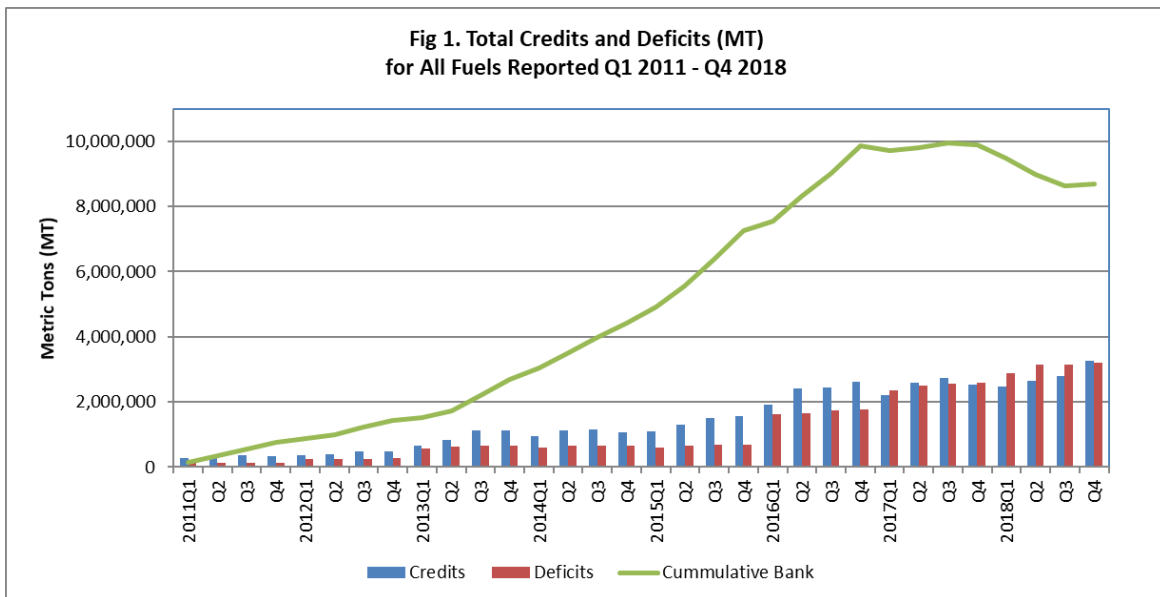


Figure 2<sup>1,2,3</sup> shows the percentage of LCFS credits generated by both ethanol and non-ethanol alternative fuels—a four-quarter rolling average is shown for ease of viewing and comparison.

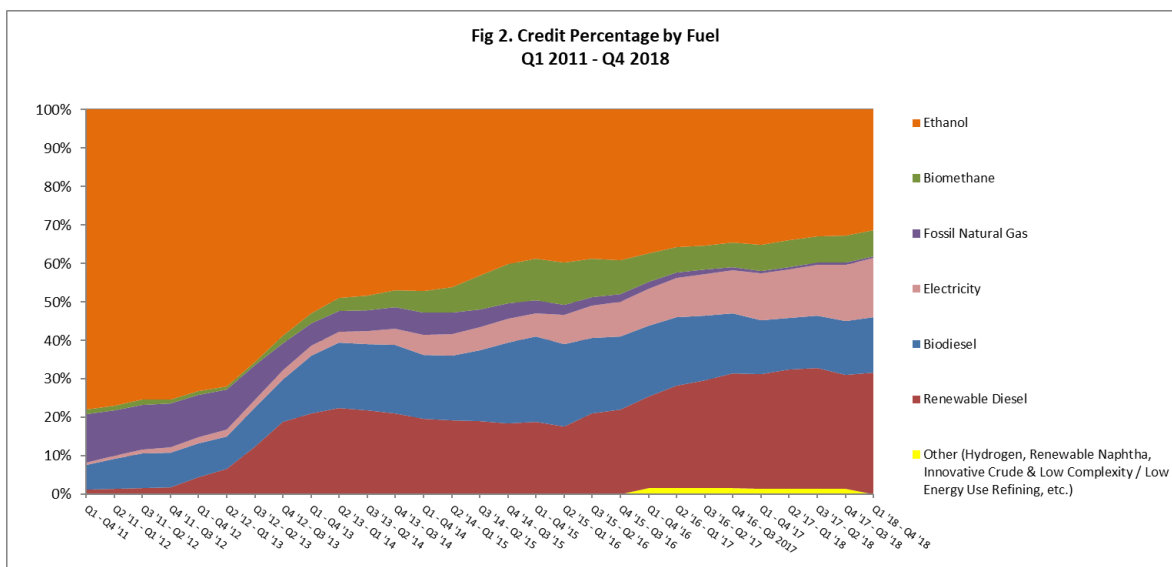
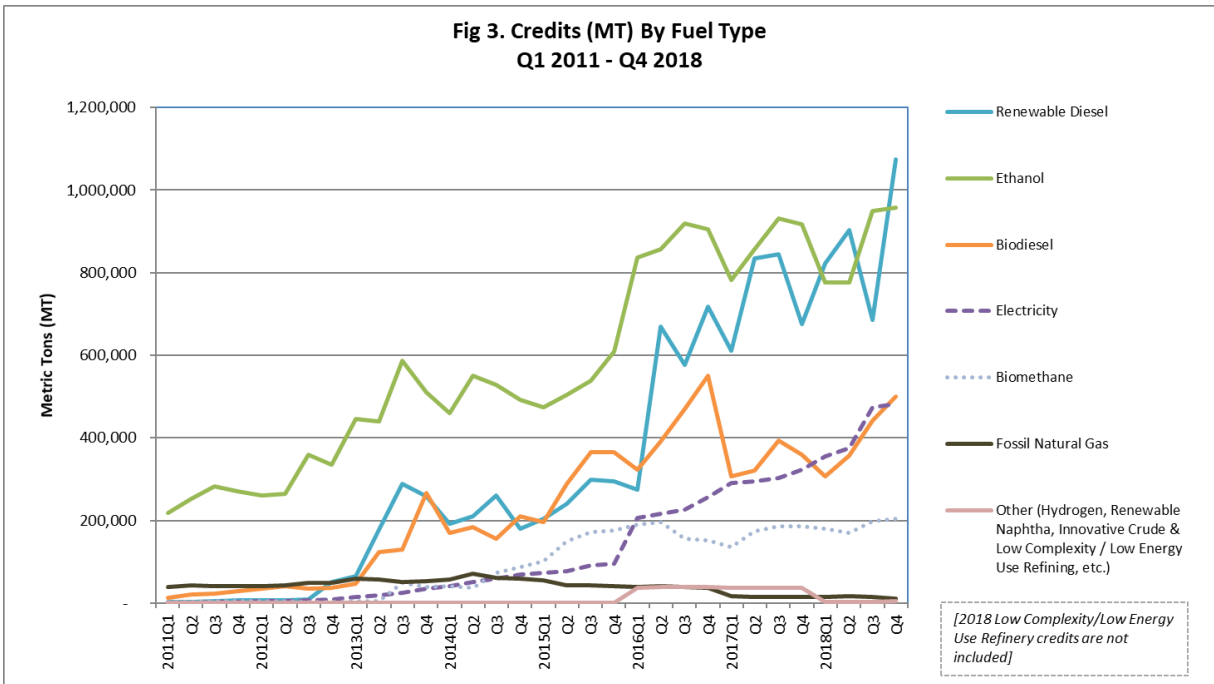


Figure 3<sup>1,2,3</sup> breaks down the total amount of credits generated by fuel type in the last thirty-two quarters since January 2011. Starting Q3 2016, credits for Innovative Crude have been included into the “Other” category. Starting 2016, credits for Low Complexity/Low Energy Use Refining have been included into the ‘Other” category.



<sup>1</sup> 2018 Low Complexity/Low Energy Use Refining data have not been issued and will be included in a future quarterly publication.  
<sup>2</sup> In 2016, FPCs for the following fuels were recertified: ethanol in Q1, Biodiesel & Renewable Diesel in Q2, and Natural Gas in Q3. This resulted in changes in CI values impacting credits generated by these fuels. Inventory swaps from old to new FPCs have affected the Volumes and Credits generated with the former quarter prior to the swap resulting in a decrease while the following quarter shows an increase.  
<sup>3</sup> Beginning in Q1 2016, the electricity category also includes electricity used in fixed guideway systems & electric forklifts.