

FMD Simulations

06-22-2022

Optimistic Scenario:

- Year1: 5% decline in domestic demand and exports are banned
- Year2: Domestic demand is back up and exports are banned
- Year3: Everything goes back to pre FMD

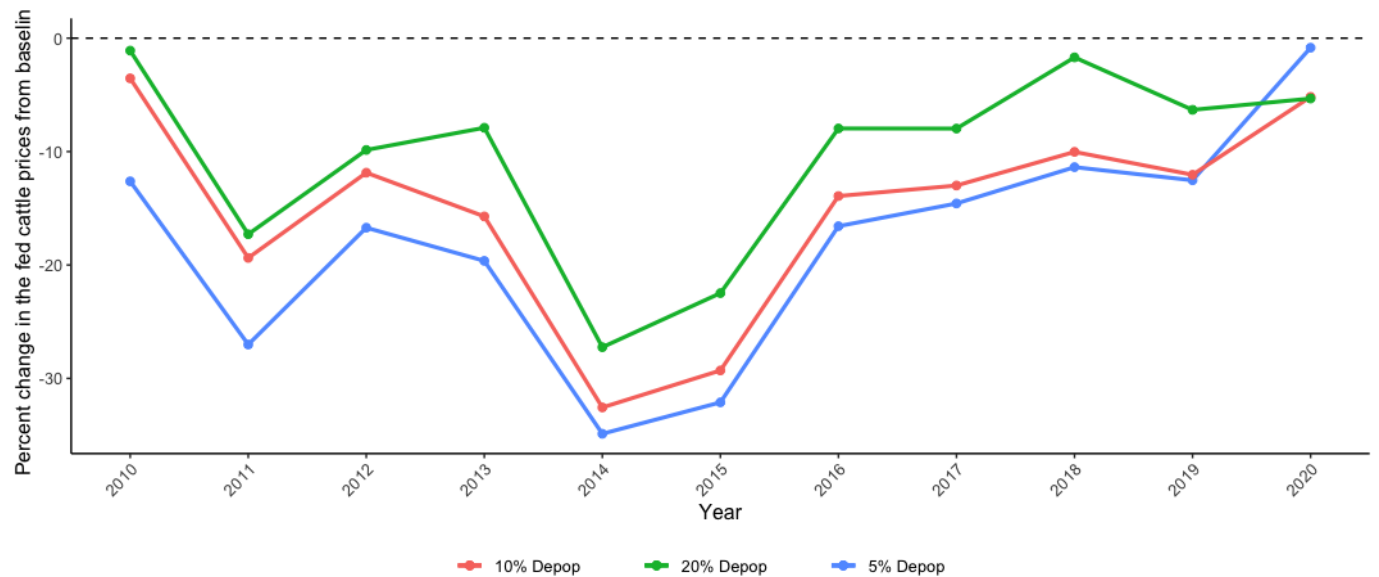


Figure 1: Percentage change in the fed cattle price

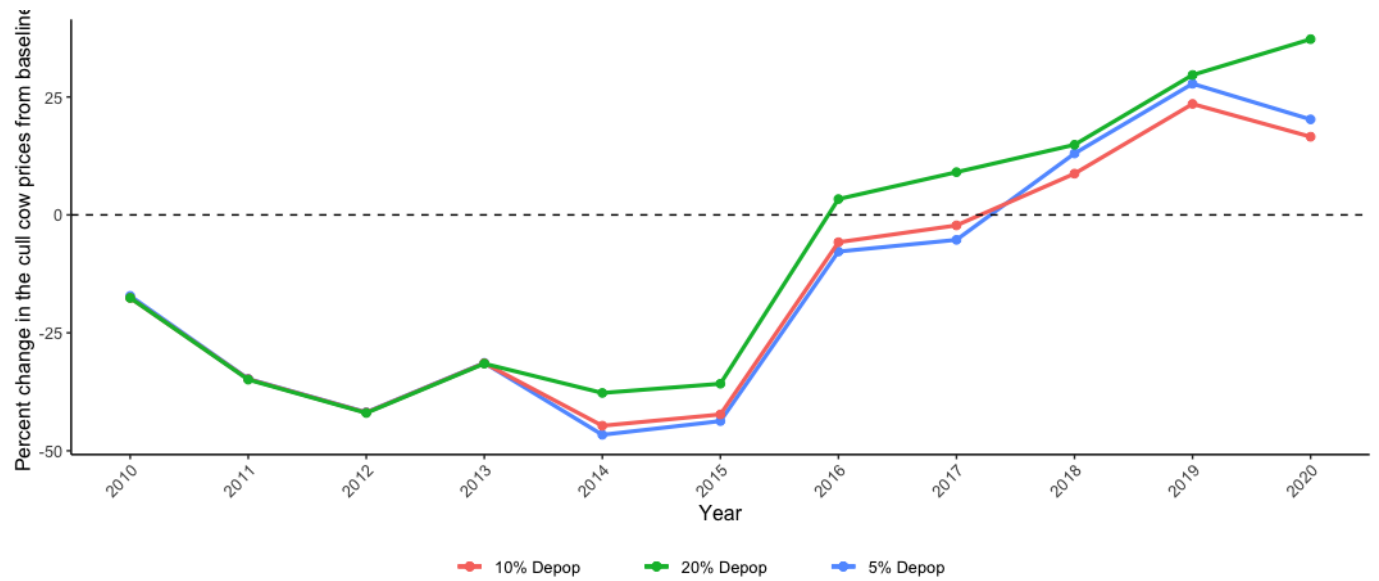


Figure 2: Percentage change in the cull cow price

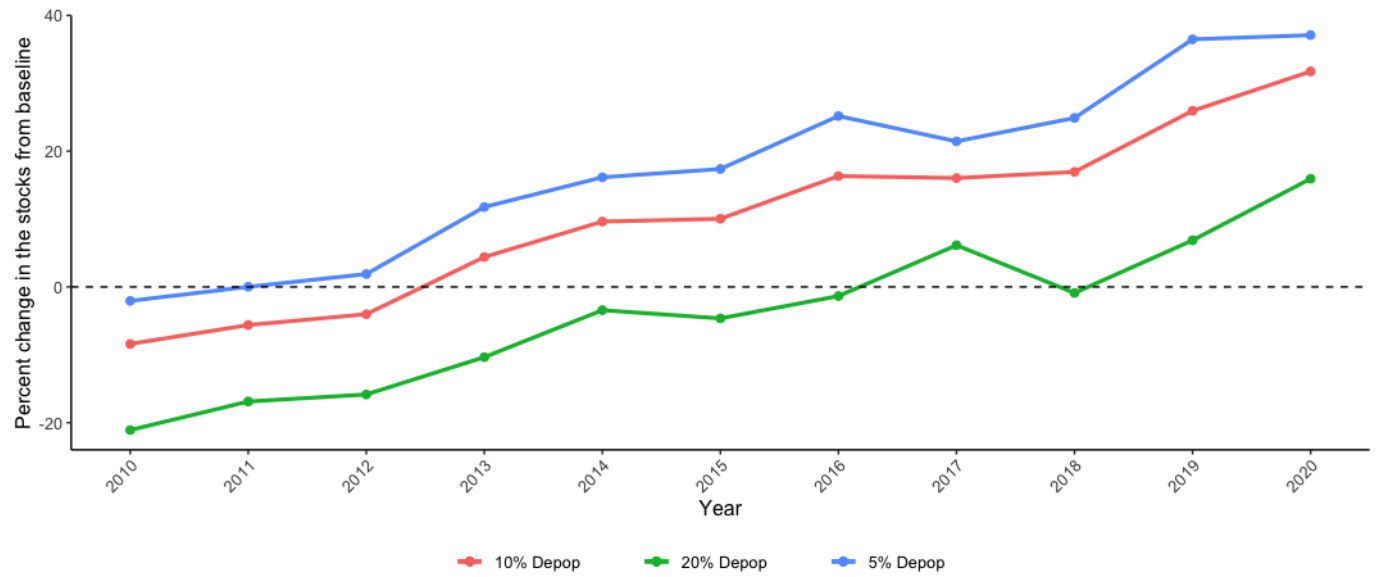


Figure 3: Percentage change in the stocks

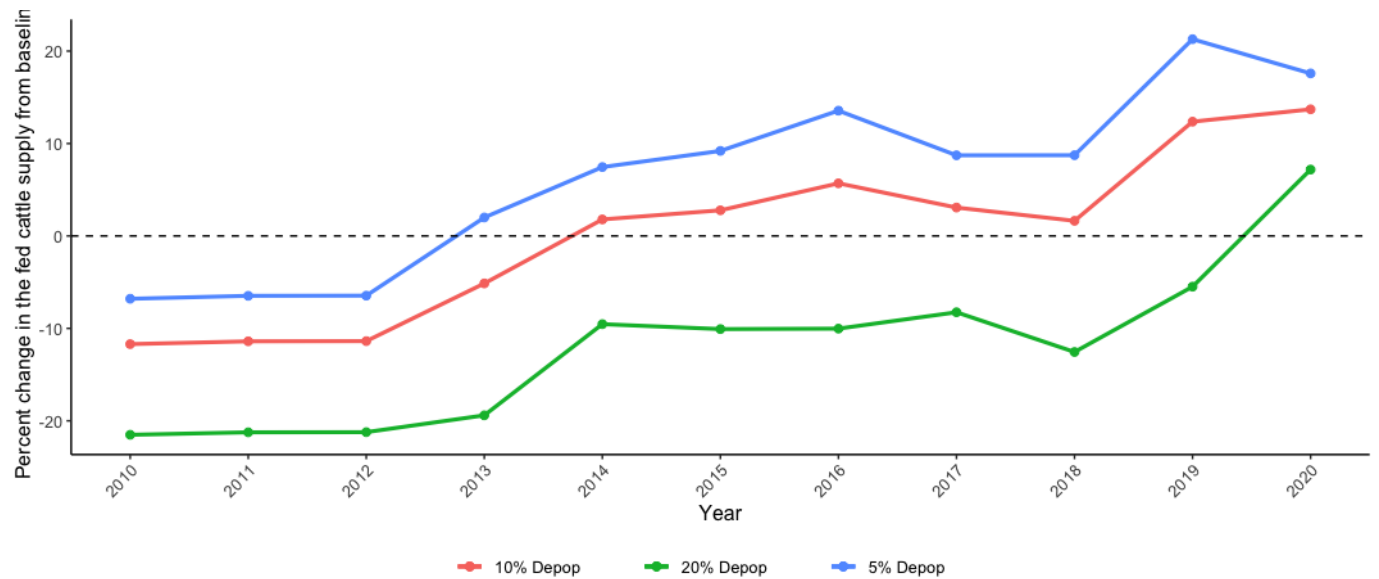


Figure 4: Percentage change in the fed cattle supply - Before adjusting for exports

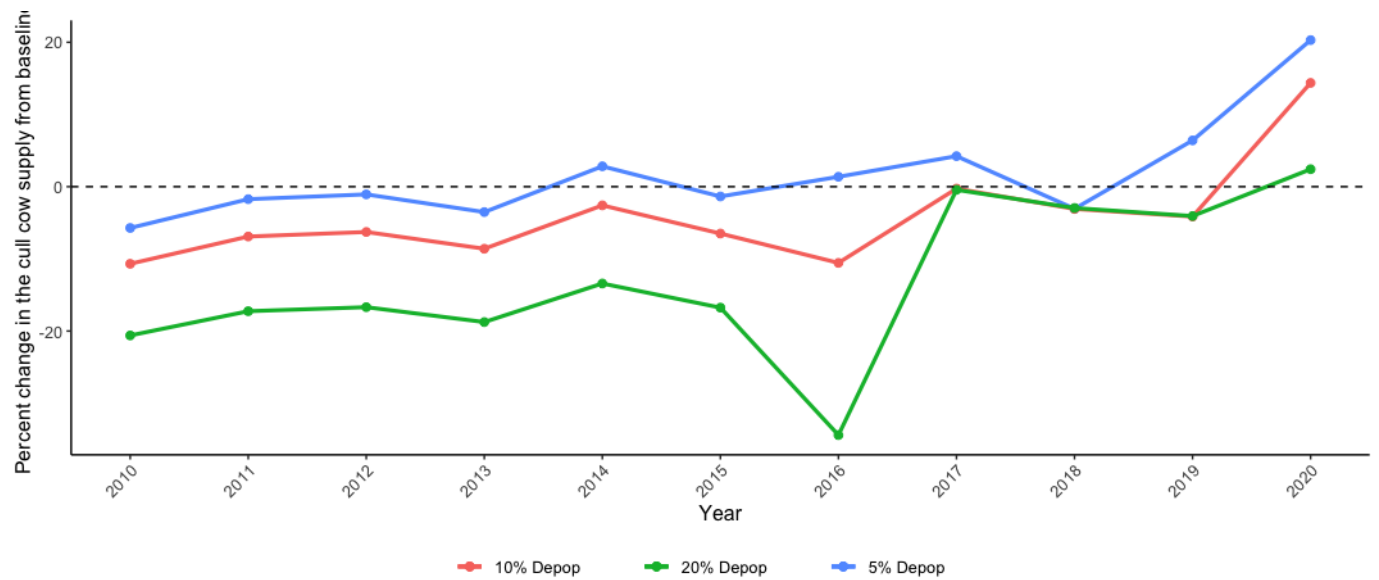


Figure 5: Percentage change in the cull cow supply - Before adjusting for exports

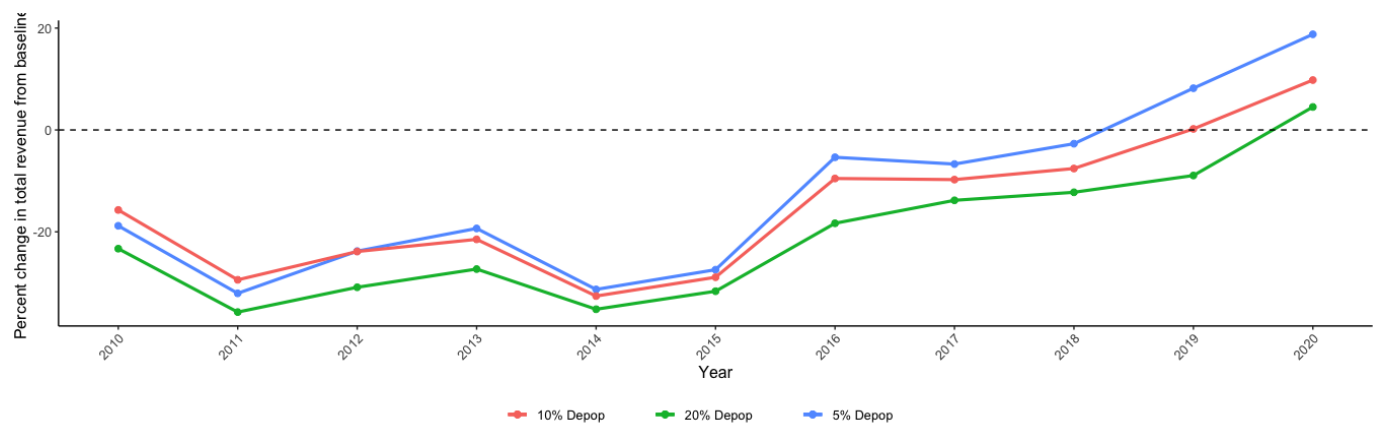


Figure 6: Percentage change in the total revenue

Pessimistic Scenario:

- Year1: 5% decline in domestic demand and exports are banned
- Year2: 5% decline in domestic demand and exports are banned
- Year3: 5% decline in domestic demand and exports are banned
- Year4: Domestic demand goes back up, exports are still banned
- Year5: Exports are still banned
- Year6: Export band is lifted and everything goes back to pre FMD

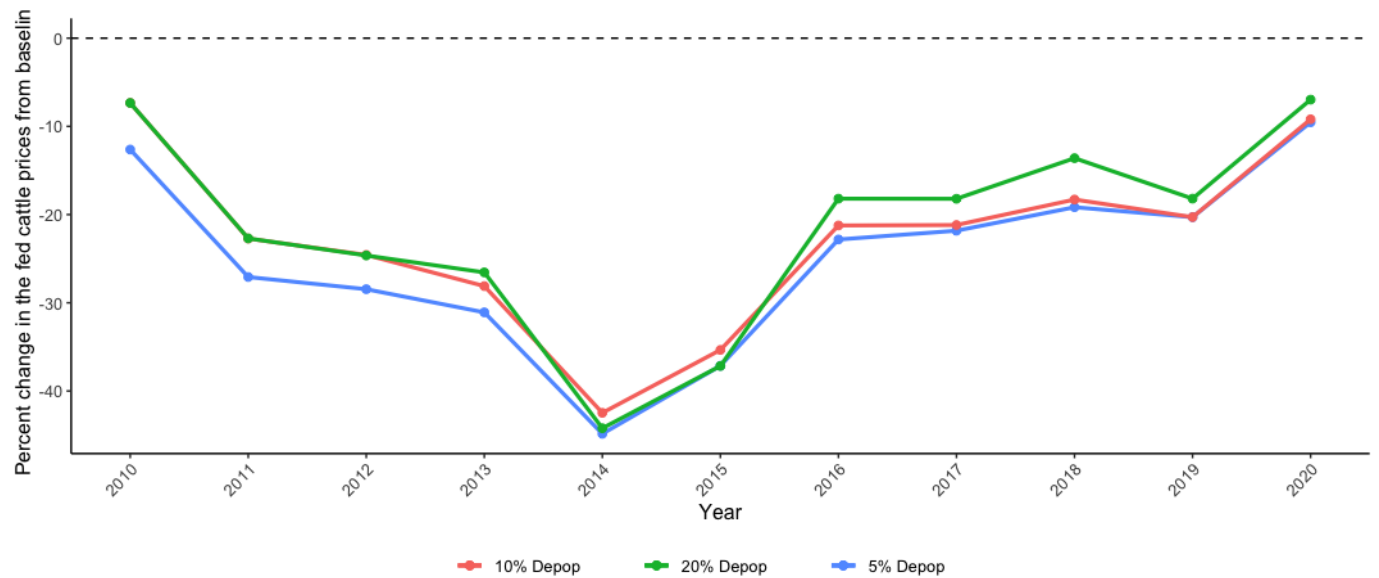


Figure 7: Percentage change in the fed cattle price

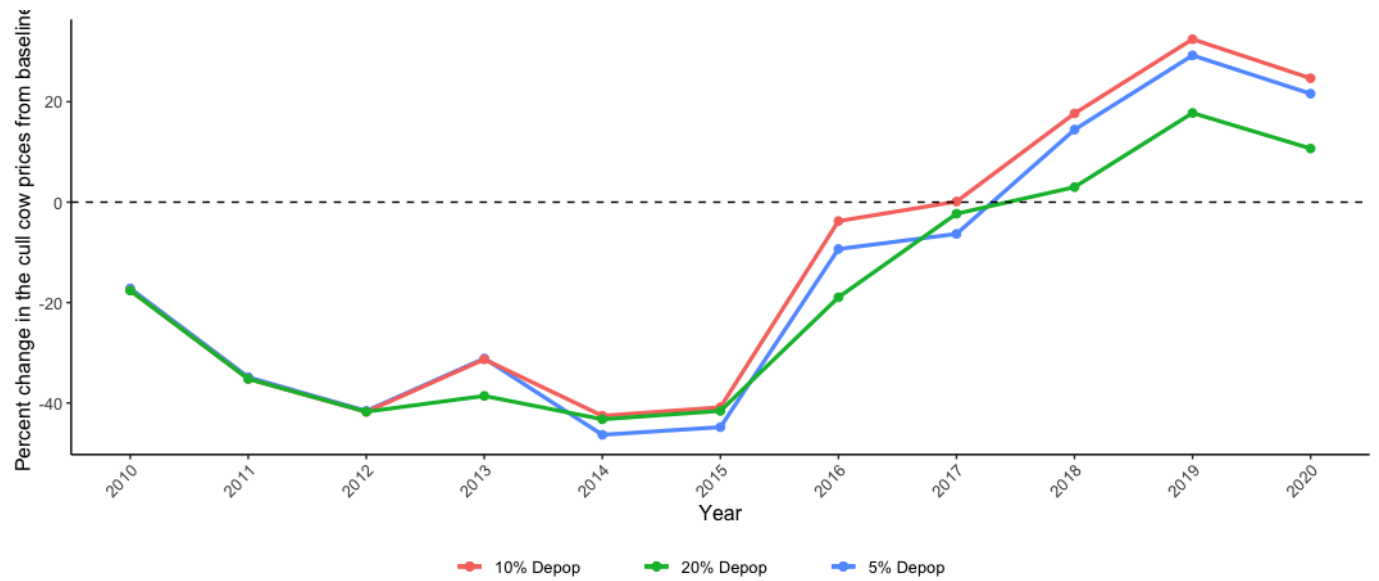


Figure 8: Percentage change in the cull cow price

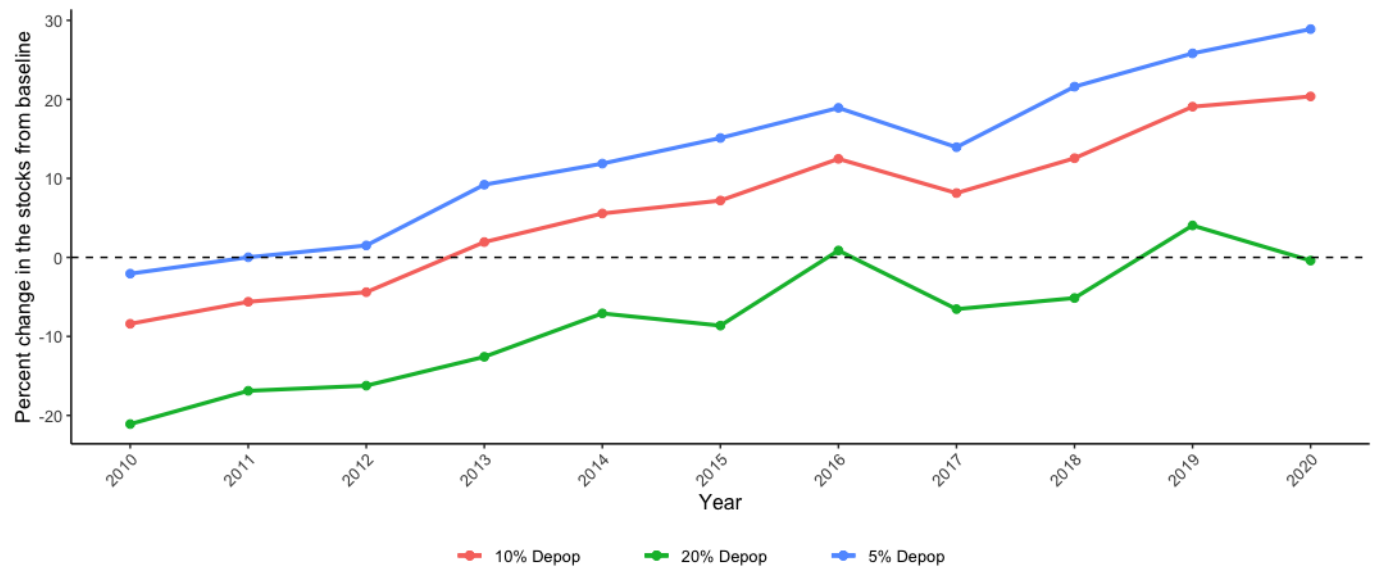


Figure 9: Percentage change in the stocks

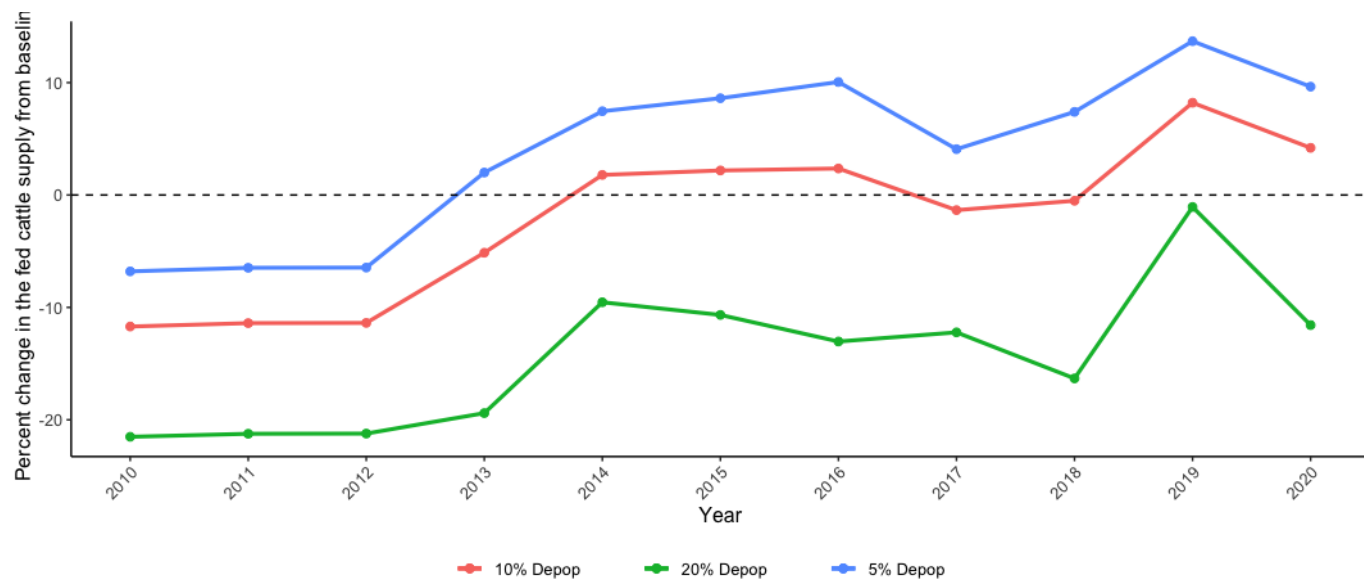


Figure 10: Percentage change in the fed cattle supply - Before adjusting for exports

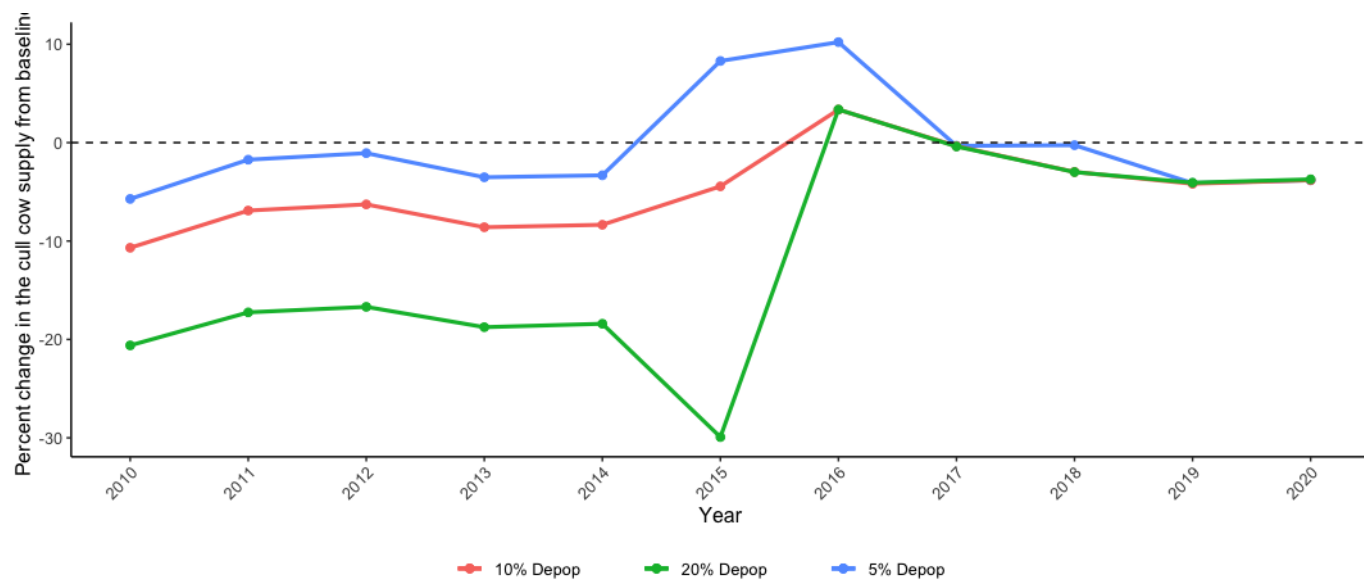


Figure 11: Percentage change in the cull cow supply - Before adjusting for exports

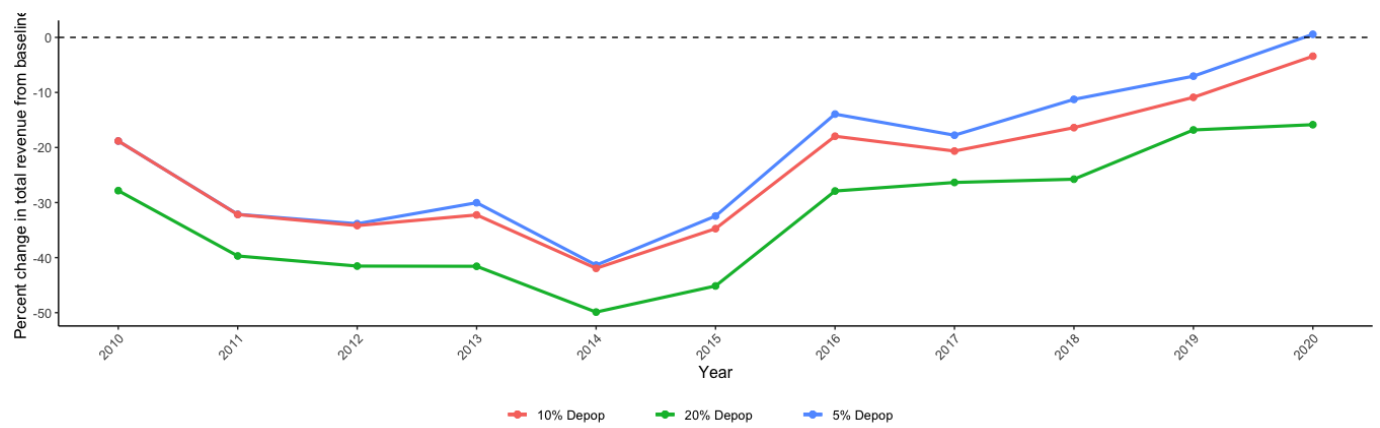


Figure 12: Percentage change in the total revenue