

# FMD Simulations

06-24-2022

## 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

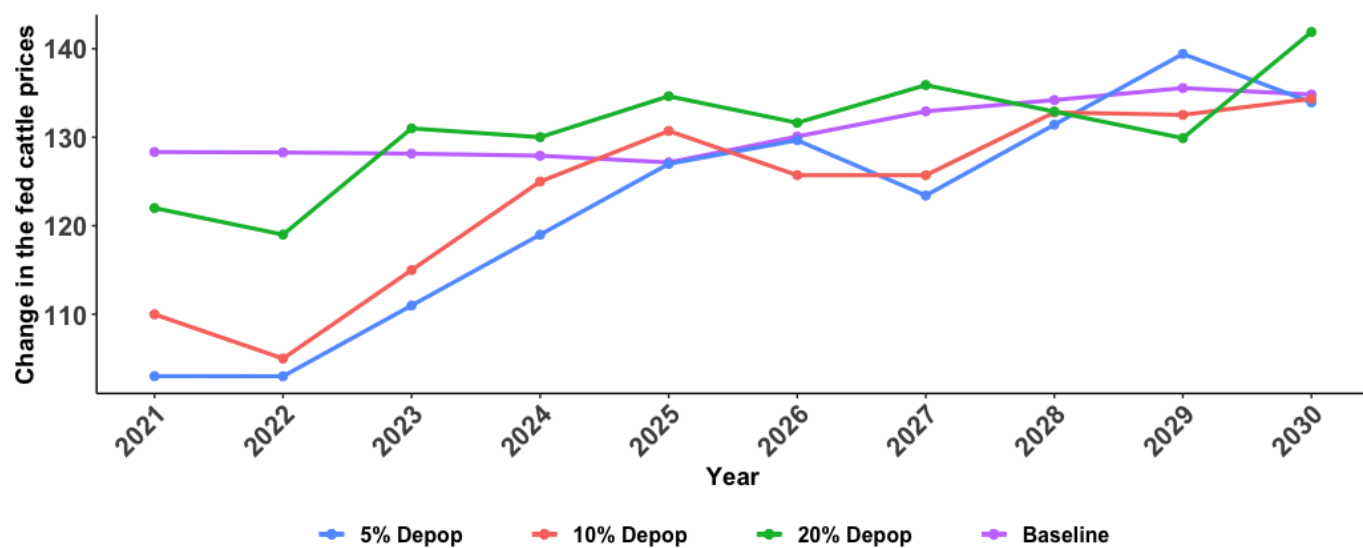


Figure 1: Change in the fed cattle price

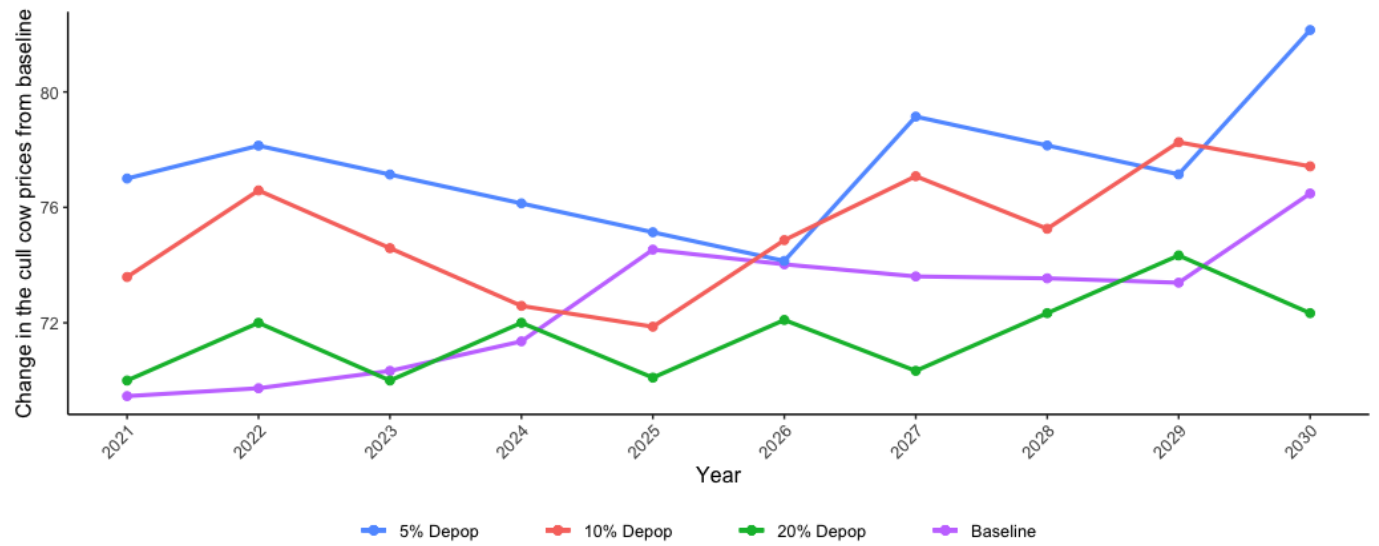


Figure 2: Change in the cull cow price

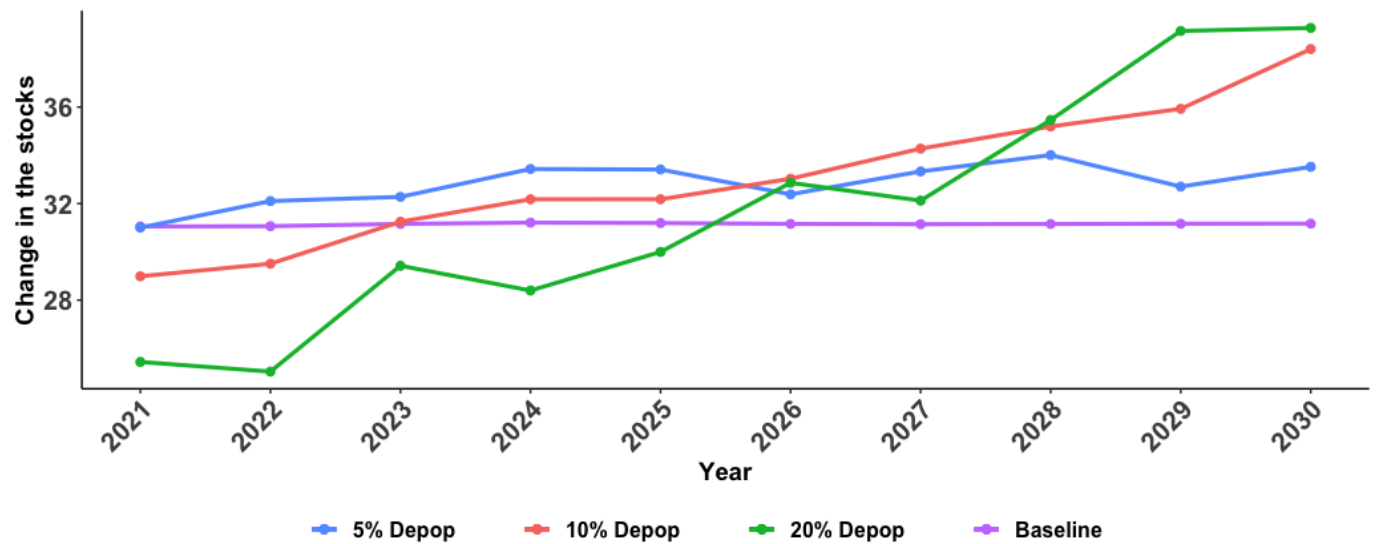


Figure 3: Change in the inventory

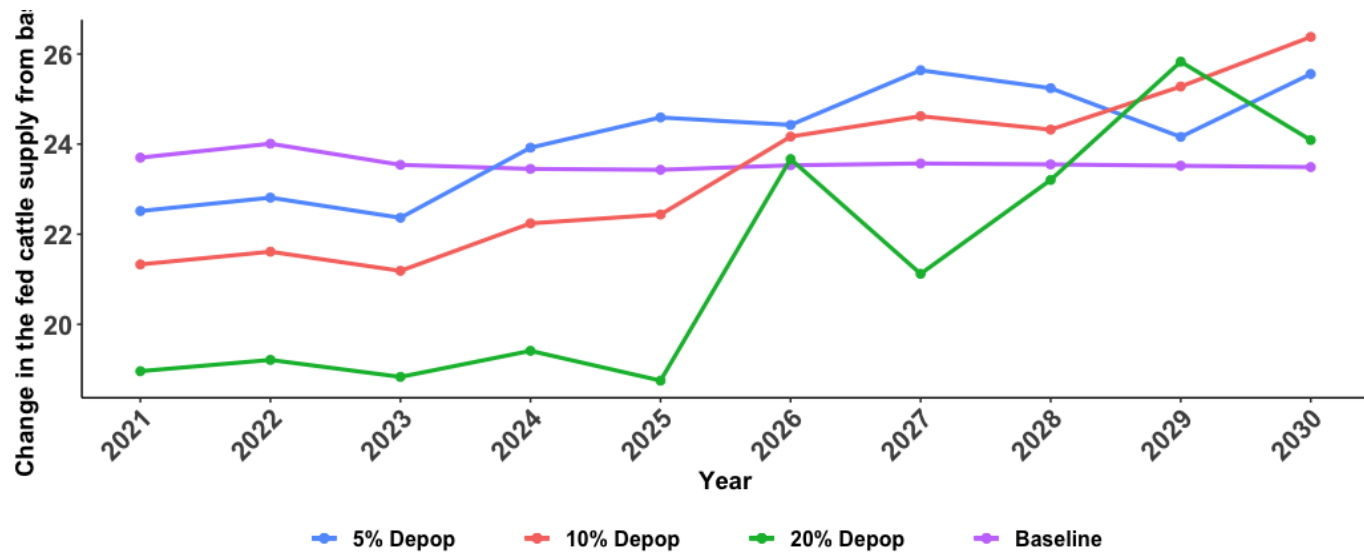


Figure 4: Change in the fed cattle supply - Before adjusting for exports

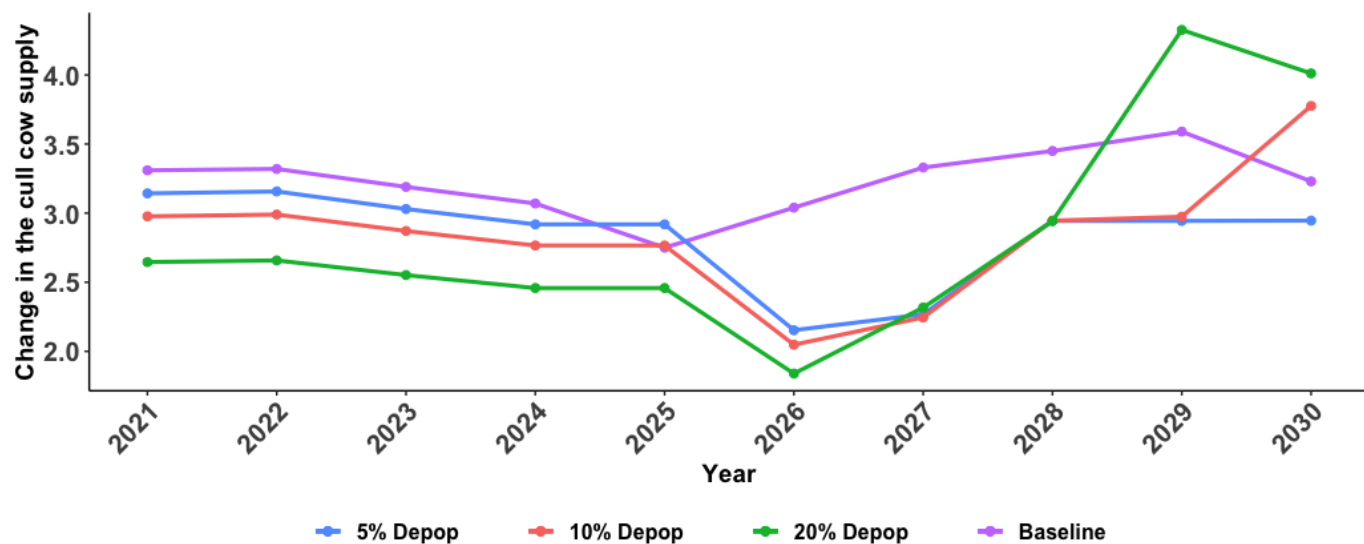


Figure 5: Change in the cull cow supply - Before adjusting for exports

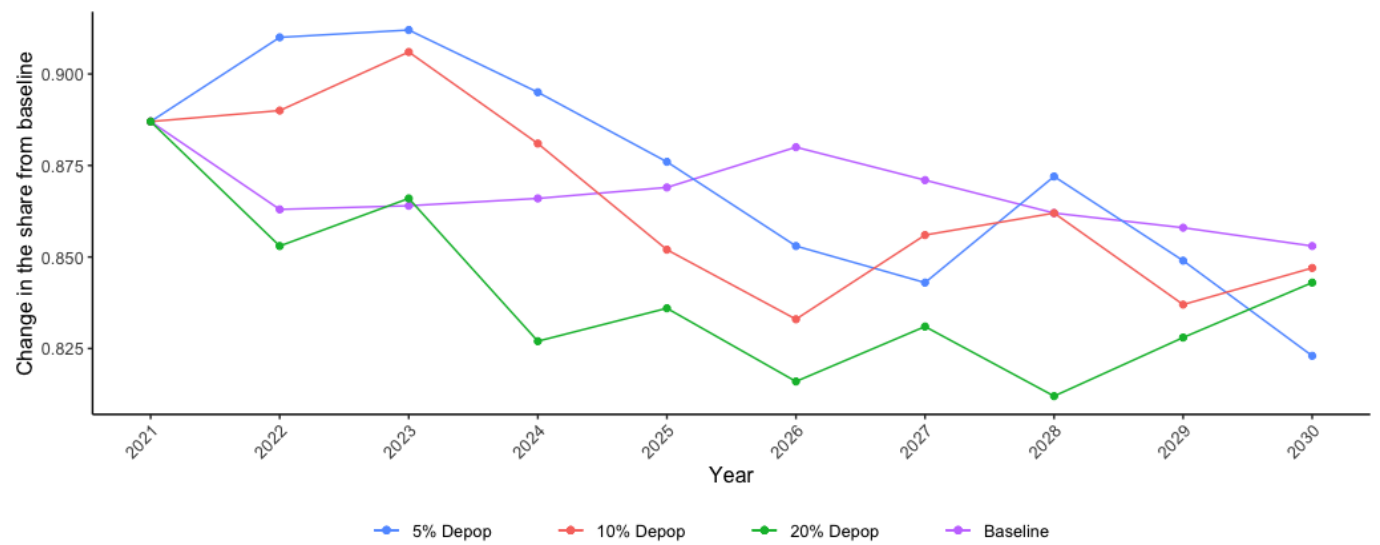


Figure 6: Change in the share

## 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

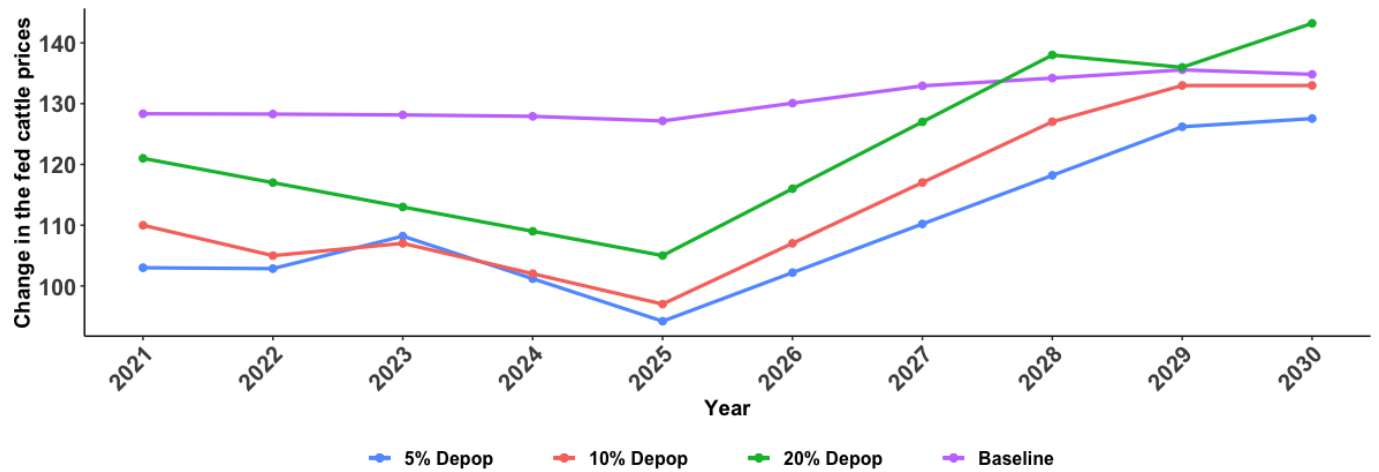


Figure 7: Change in the fed cattle price

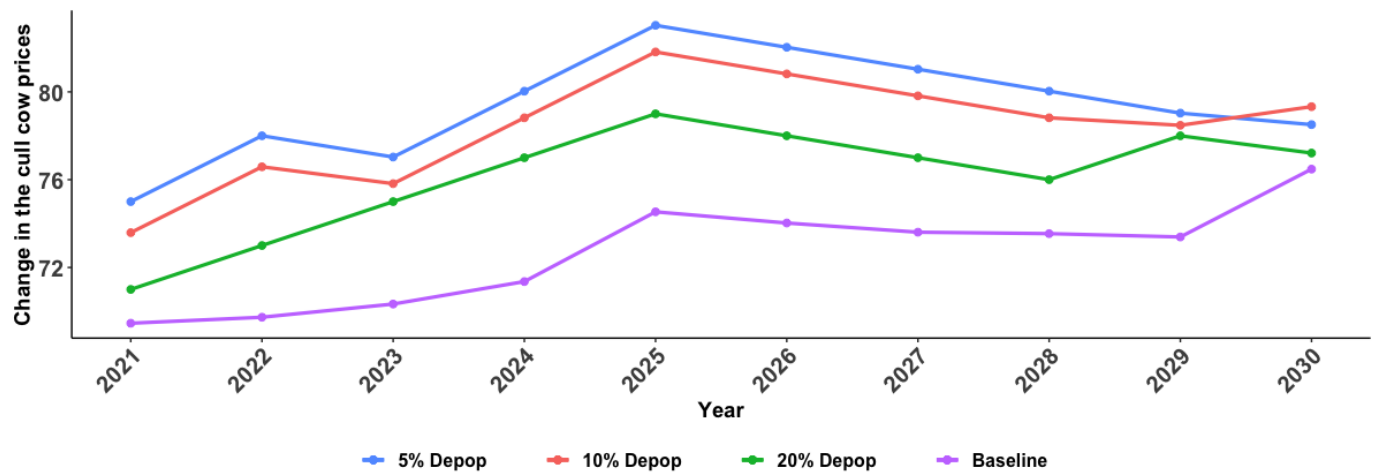


Figure 8: Change in the cull cow price

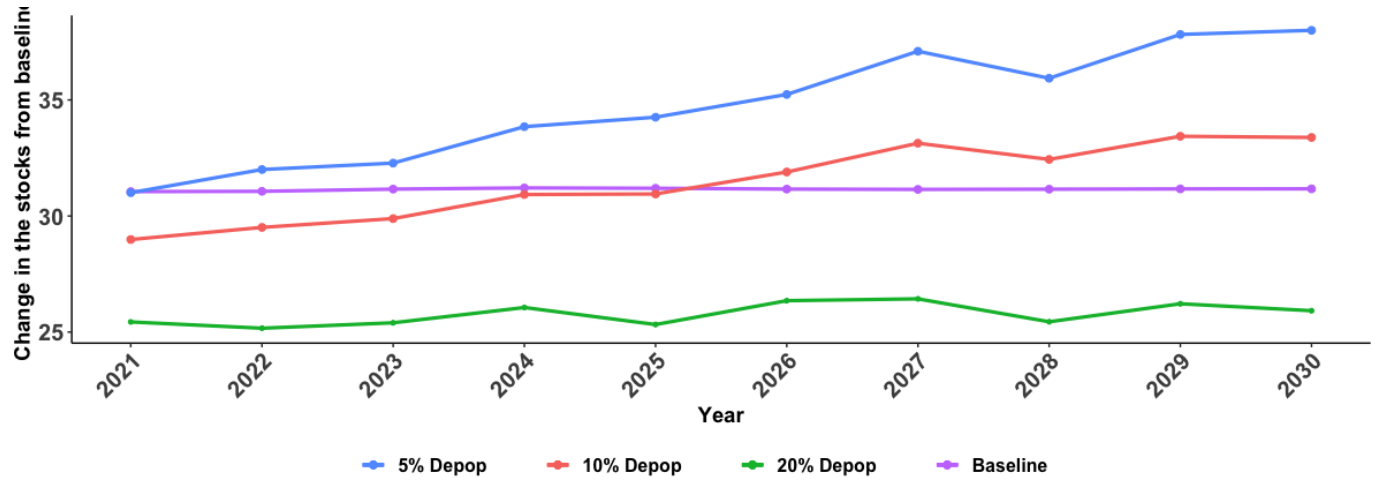


Figure 9: Change in inventory

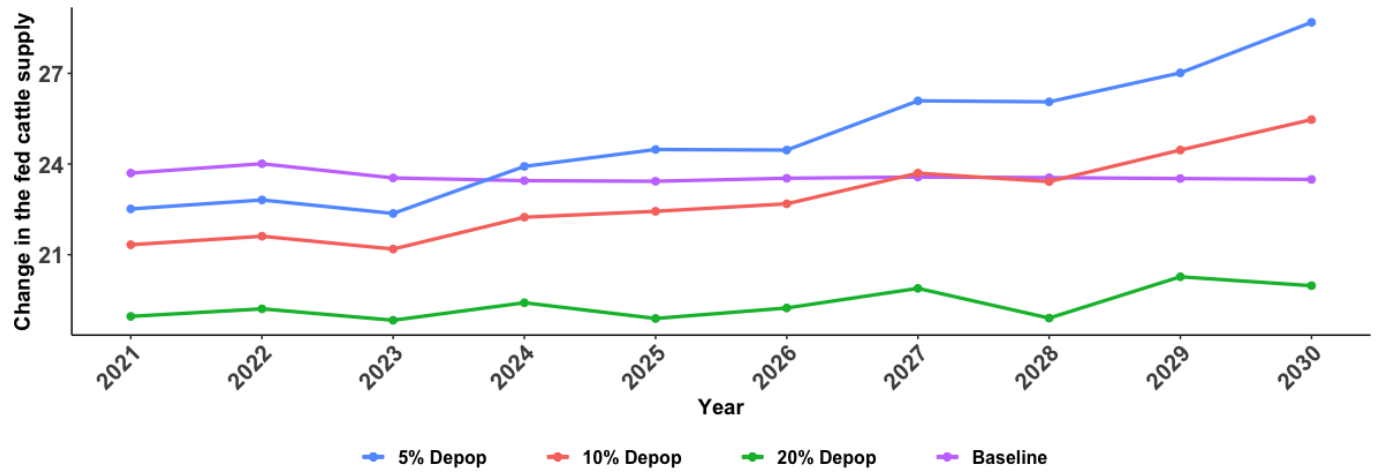


Figure 10: Change in the fed cattle supply - Before adjusting for exports

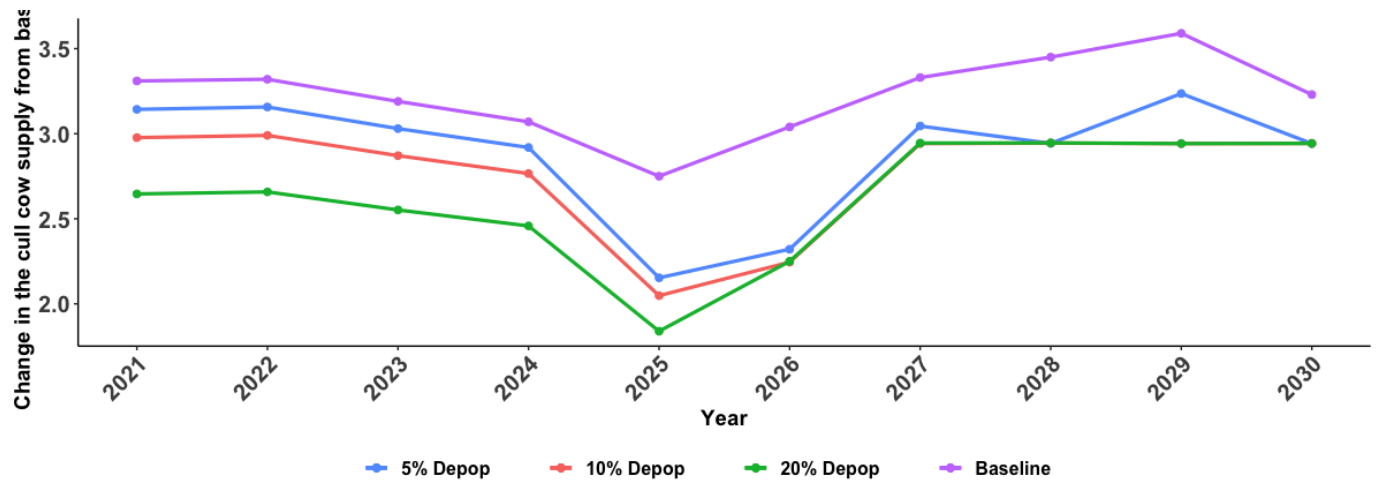


Figure 11: Change in the cull cow supply - Before adjusting for exports

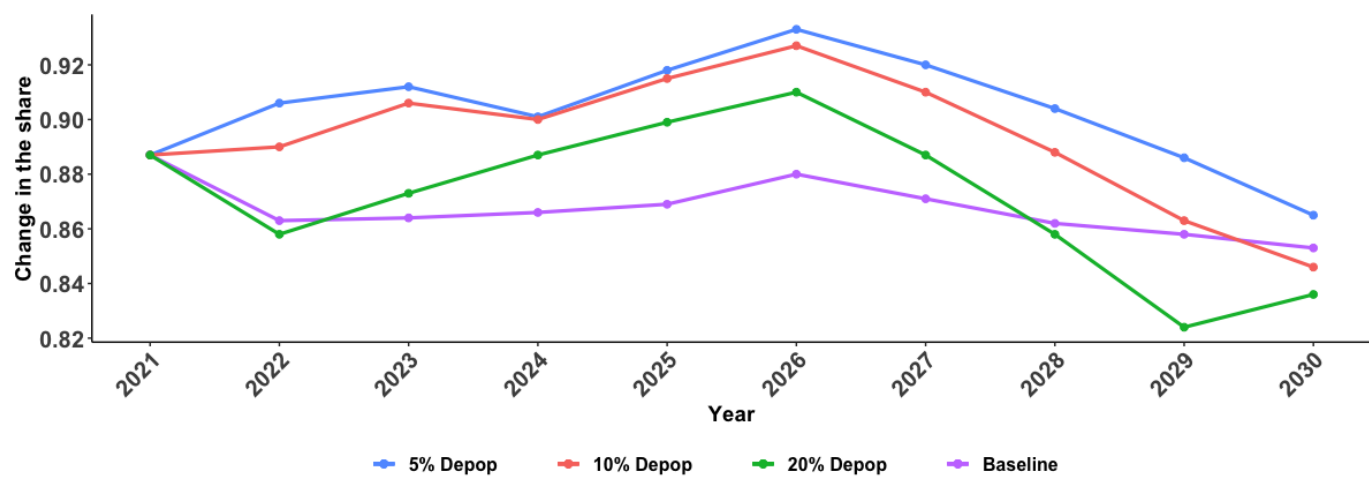


Figure 12: Change in the share