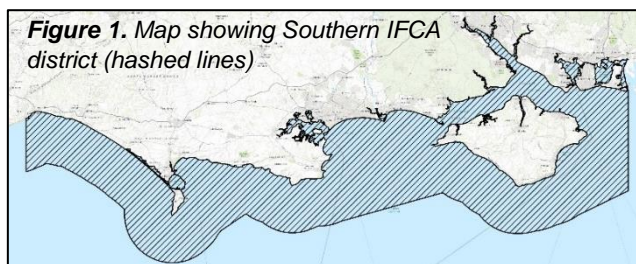


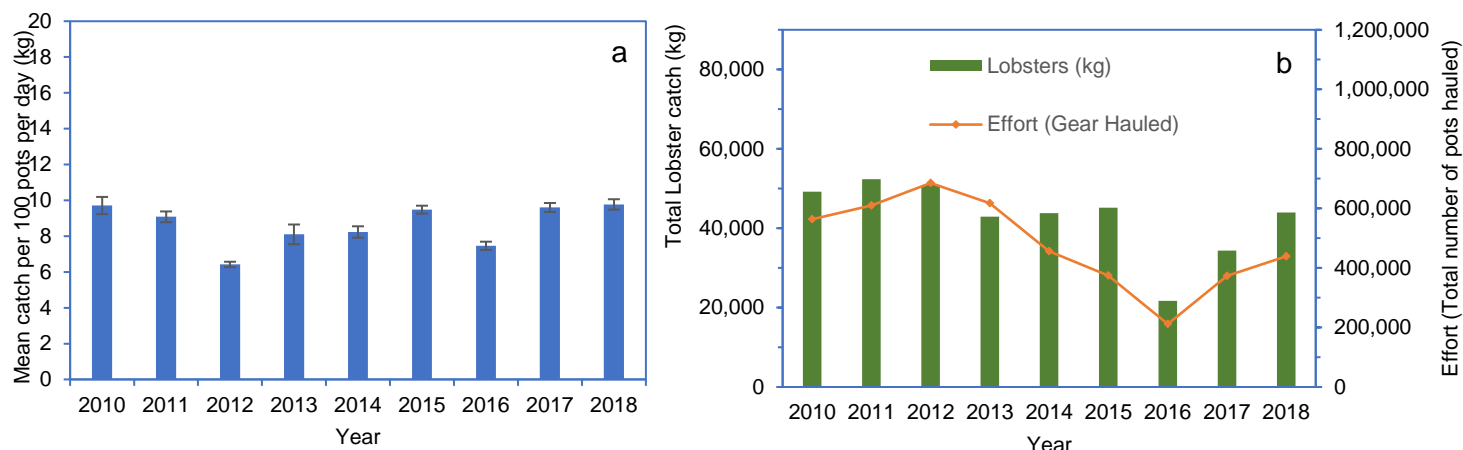
# Southern IFCA District Crustacean Catch (2010-18)

Species	Lobster	Crab
Catch trend	Negligible change in lobster catch over time	Moderate decline in crab catch over time
Effort trend	Slight decline in effort over time	

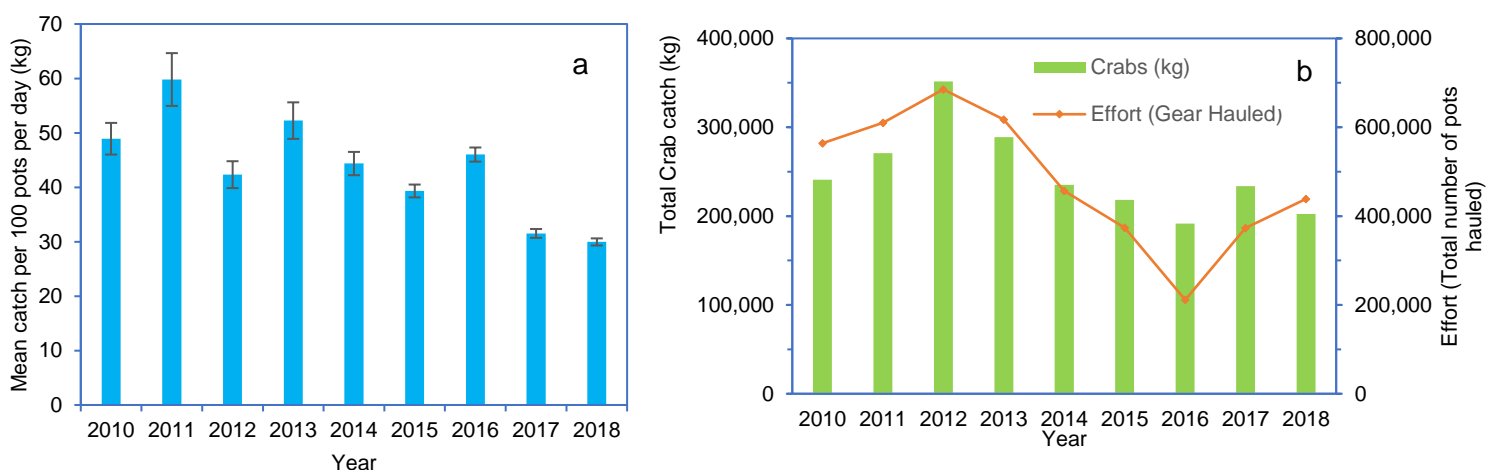
(Refer to footer for working definitions of 'Negligible', 'Slight', 'Moderate' and 'Strong')



## European Lobster (*Homarus gammarus*):



## Edible Crab (*Cancer pagurus*):



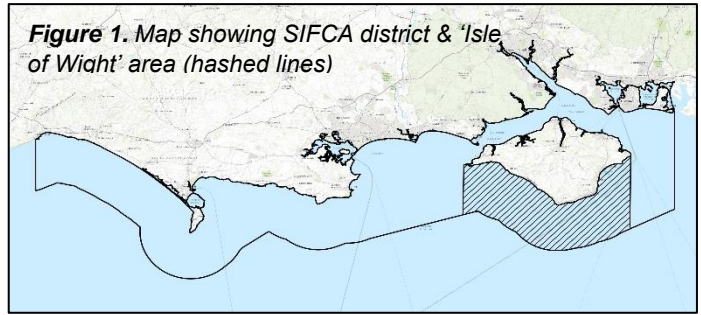
Negligible: 0-5%, Slight: 6-25% change, Moderate: 26-75% change, Strong: >75% change between 2010 and 2018.

NB. Sentinel Vessels selected by IFCA's based on data reliability and length of service. Data from Marine Shellfish Activity Returns supplied by CEFAS.

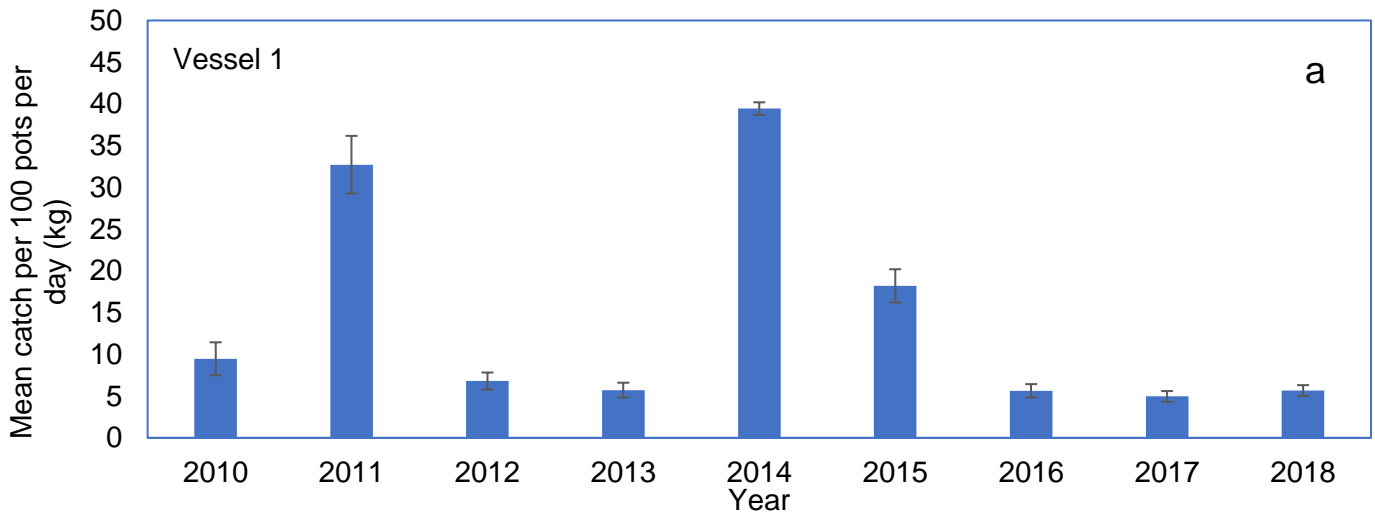
# Isle of Wight Crustacean Catch (2010-18)

Species	Lobster	Crab
<b>Catch trend</b>	Moderate decline in lobster catch over time	Moderate improvement in crab catch over time
<b>Effort trend</b>	Moderate decline in effort over time	

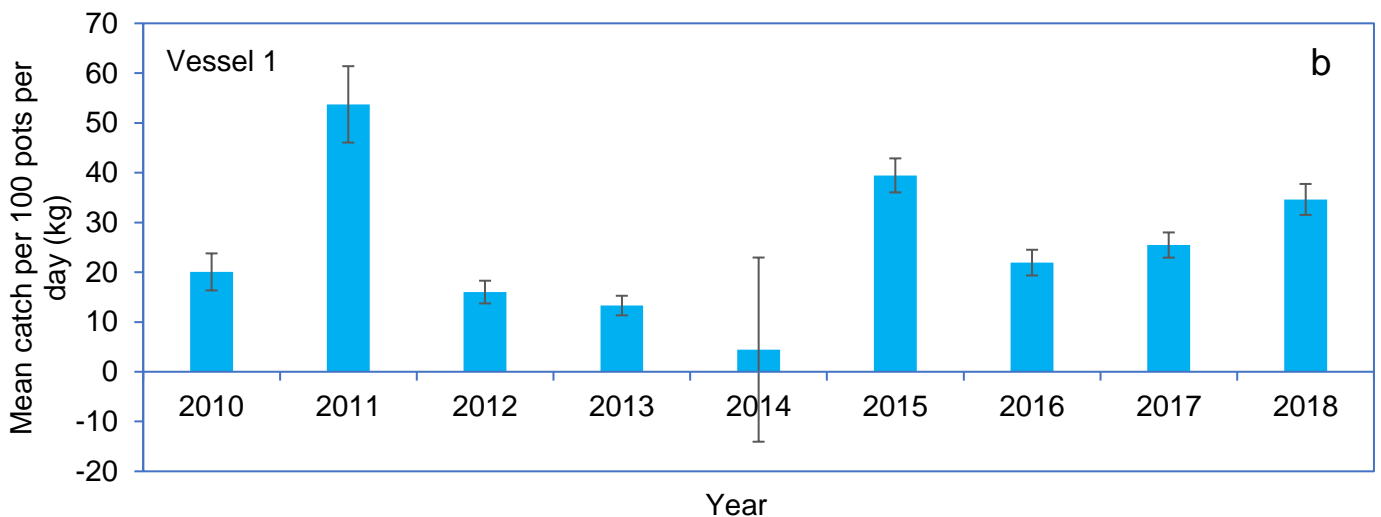
(Refer to footer for working definitions of 'Negligible', 'Slight', 'Moderate' and 'Strong')



## European Lobster (*Homarus gammarus*):



## Edible Crab (*Cancer pagurus*):



**Figure 2.** Calculated mean Lobster (*Homarus gammarus*) (a) and Crab (*Cancer pagurus*) (b) catch per 100 pots of a sentinel vessel fishing in the 'Isle of Wight' area (see Fig. 1). Error bars represent standard error. Following ANOVA testing, overall differences in catches between years were found to be significantly different ( $P < 0.05$ ), for the results of pairwise  $t$  tests between years, please refer to Annex 1. Note that graphs for each area may have a different scale therefore may not be directly comparable.

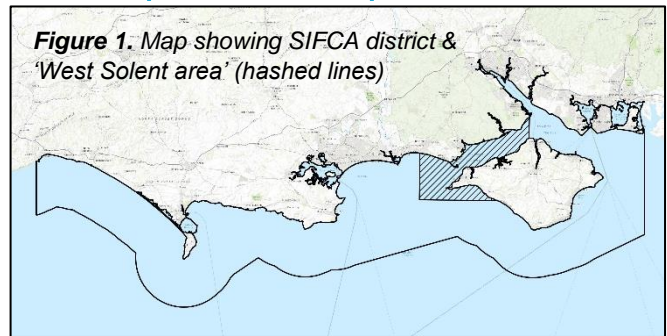
Negligible: 0-5%, Slight: 6-25% change, Moderate: 26-75% change, Strong: >75% change between 2010 and 2018.

NB. Sentinel Vessels selected by IFCO's based on data reliability and length of service. Data from Marine Shellfish Activity Returns supplied by CEFAS.

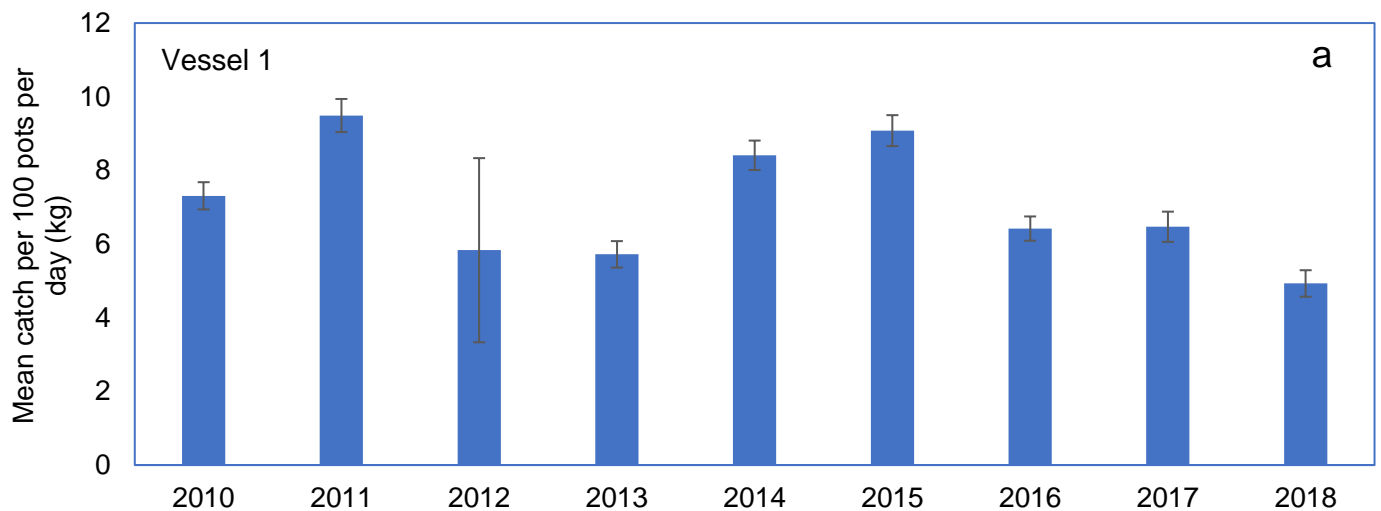
# West Solent Crustacean Catch (2010-18)

Species	Lobster	Crab
Catch trend	Moderate decline in lobster catch over time	Moderate decline in crab catch over time
Effort trend	Slight decline in effort over time	

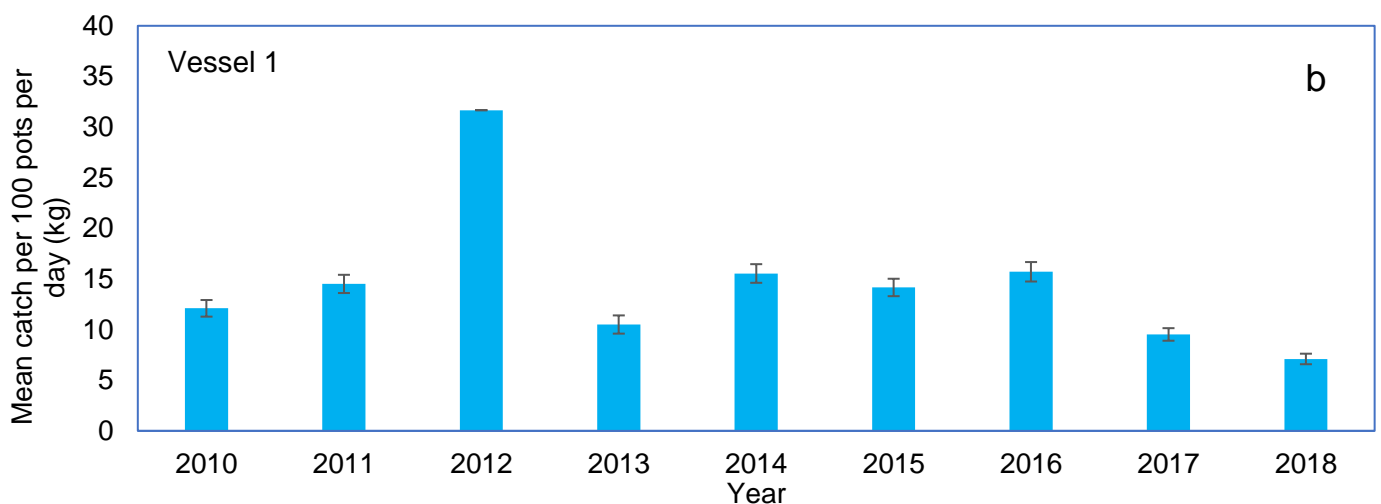
(Refer to footer for working definitions of 'Negligible', 'Slight', 'Moderate' and 'Strong')



## European Lobster (*Homarus gammarus*):



## Edible Crab (*Cancer pagurus*):



**Figure 2.** Calculated mean Lobster (*Homarus gammarus*) (a) and Crab (*Cancer pagurus*) (b) catch per 100 pots of a sentinel vessel fishing in the 'West Solent' area (see Fig.1). Error bars represent standard error. Following ANOVA testing, overall differences in catches between years were found to be significantly different ( $P < 0.05$ ), for the results of pairwise *t* tests between years, please refer to Annex 1. Note that graphs for each area may have a different scale therefore may not be directly comparable.

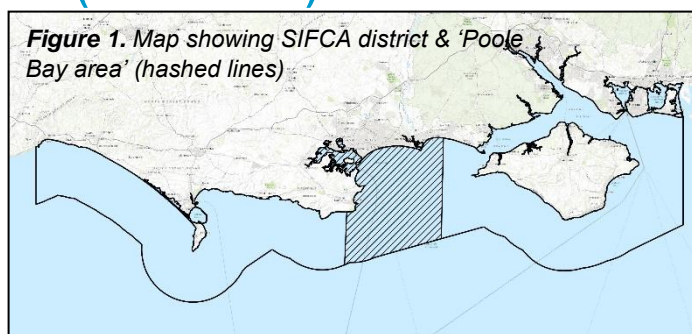
Negligible: 0-5%, Slight: 6-25% change, Moderate: 26-75% change, Strong: >75% change between 2010 and 2018.

NB. Sentinel Vessels selected by IFCO's based on data reliability and length of service. Data from Marine Shellfish Activity Returns supplied by CEFAS.

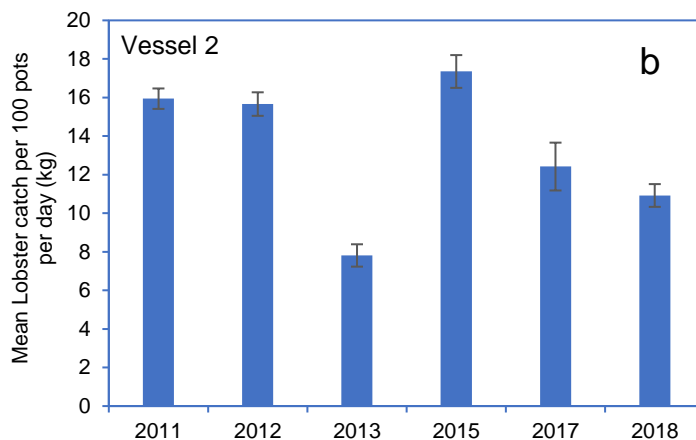
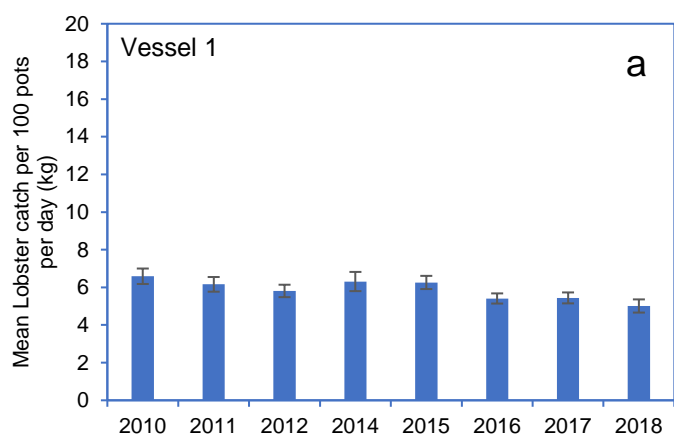
# Poole Bay Crustacean Catch (2010-18)

Species	Lobster	Crab
<b>Catch trend</b>	Moderate decline in lobster catch over time	Moderate improvement in crab catch over time
<b>Effort trend</b>	Slight increase in effort over time	

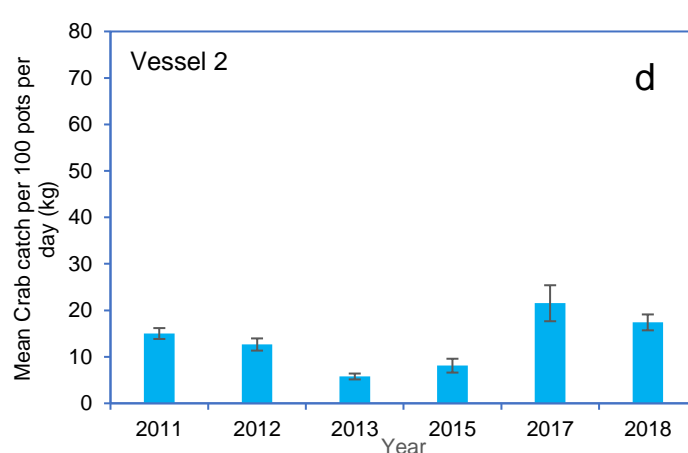
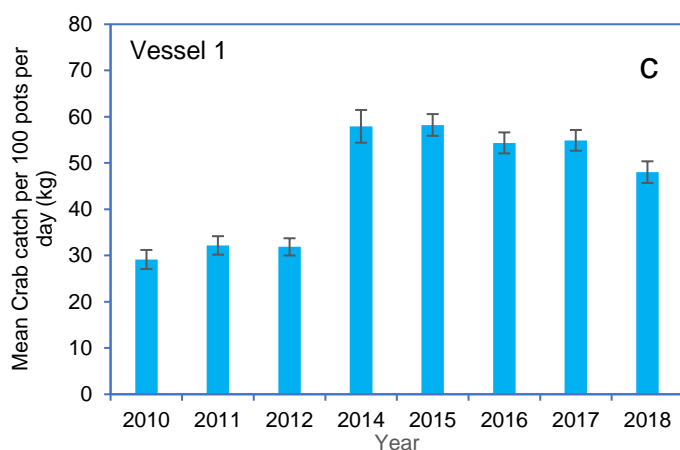
(Refer to footer for working definitions of 'Negligible', 'Slight', 'Moderate' and 'Strong')



## European Lobster (*Homarus gammarus*):



## Edible Crab (*Cancer pagurus*):



**Figure 2.** Calculated mean Lobster (*Homarus gammarus*) (a and b) and Crab (*Cancer pagurus*) (c and d) catch per 100 pots of two sentinel vessels fishing in the 'Poole Bay' area (see Fig.1). Error bars represent standard error. Following ANOVA testing, overall differences in catches between years were found to be significantly different ( $P < 0.05$ ), for the results of pairwise  $t$  tests between years, please refer to Annex 1. Note that graphs for each area may have a different scale therefore may not be directly comparable.

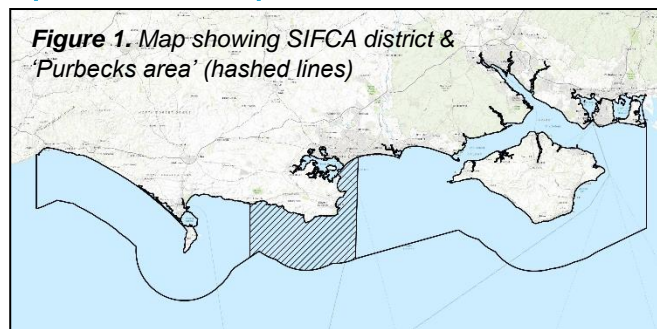
Negligible: 0-5%, Slight: 6-25% change, Moderate: 26-75% change, Strong: >75% change between 2010 and 2018.

NB. Sentinel Vessels selected by IFCO's based on data reliability and length of service. Data from Marine Shellfish Activity Returns supplied by CEFAS.

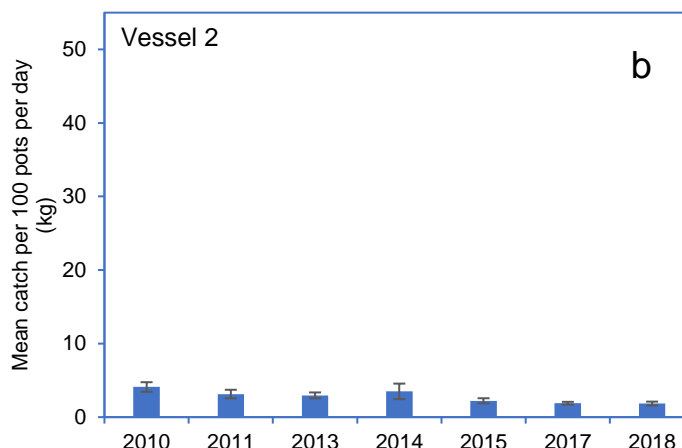
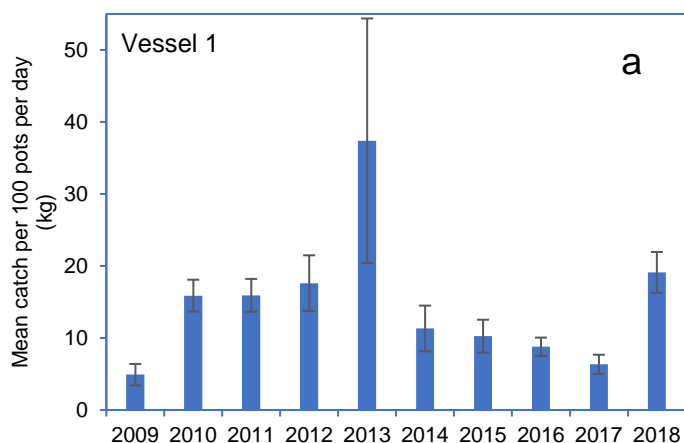
# Purbecks Crustacean Catch (2010-18)

Species	Lobster	Crab
Catch trend	Moderate decline in lobster catch over time	Slight decline in crab catch over time
Effort trend	Slight decline in effort over time	

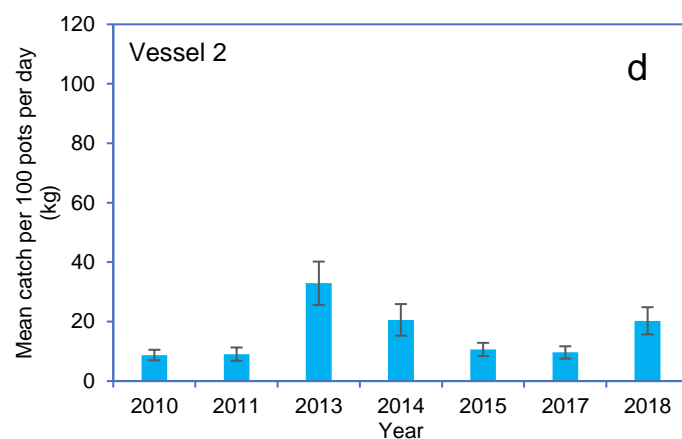
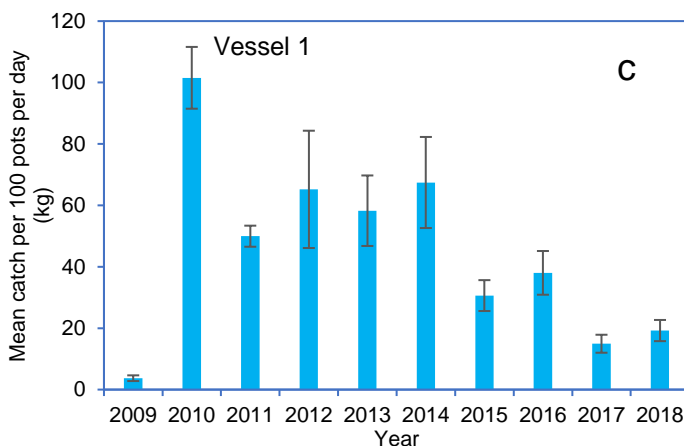
(Refer to footer for working definitions of 'Negligible', 'Slight', 'Moderate' and 'Strong')



## European Lobster (*Homarus gammarus*):



## Edible Crab (*Cancer pagurus*):



**Figure 2.** Calculated mean Lobster (*Homarus gammarus*) (a and b) and Crab (*Cancer pagurus*) (c and d) catch per 100 pots of two sentinel vessels fishing in the 'Purbecks' area (see Fig. 1). Error bars represent standard error. Following ANOVA testing, overall differences in catches between years were found to be significantly different ( $P < 0.05$ ), for the results of pairwise *t* tests between years, please refer to Annex 1. Note that graphs for each area may have a different scale therefore may not be directly comparable.

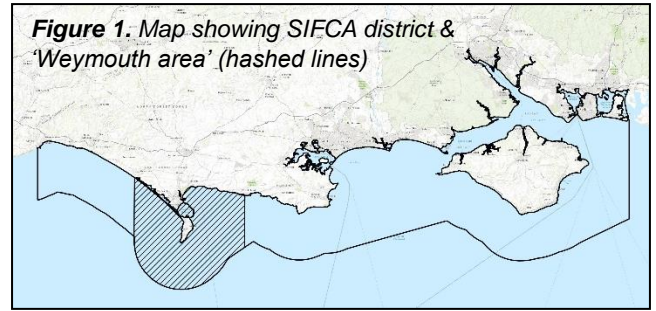
Negligible: 0-5%, Slight: 6-25% change, Moderate: 26-75% change, Strong: >75% change between 2010 and 2018.

NB. Sentinel Vessels selected by IFCO's based on data reliability and length of service. Data from Marine Shellfish Activity Returns supplied by CEFAS.

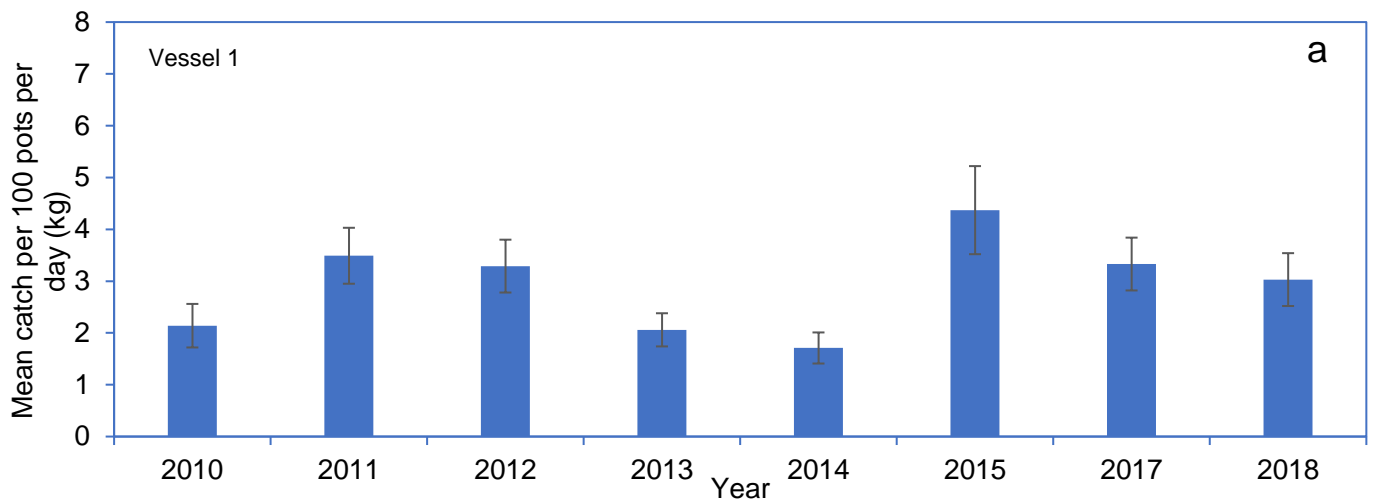
# Weymouth Crustacean Catch (2010-18)

Species	Lobster	Crab
Catch trend	Moderate improvement in lobster catch over time	Moderate decline in crab catch over time
Effort trend	Slight decline in effort over time	

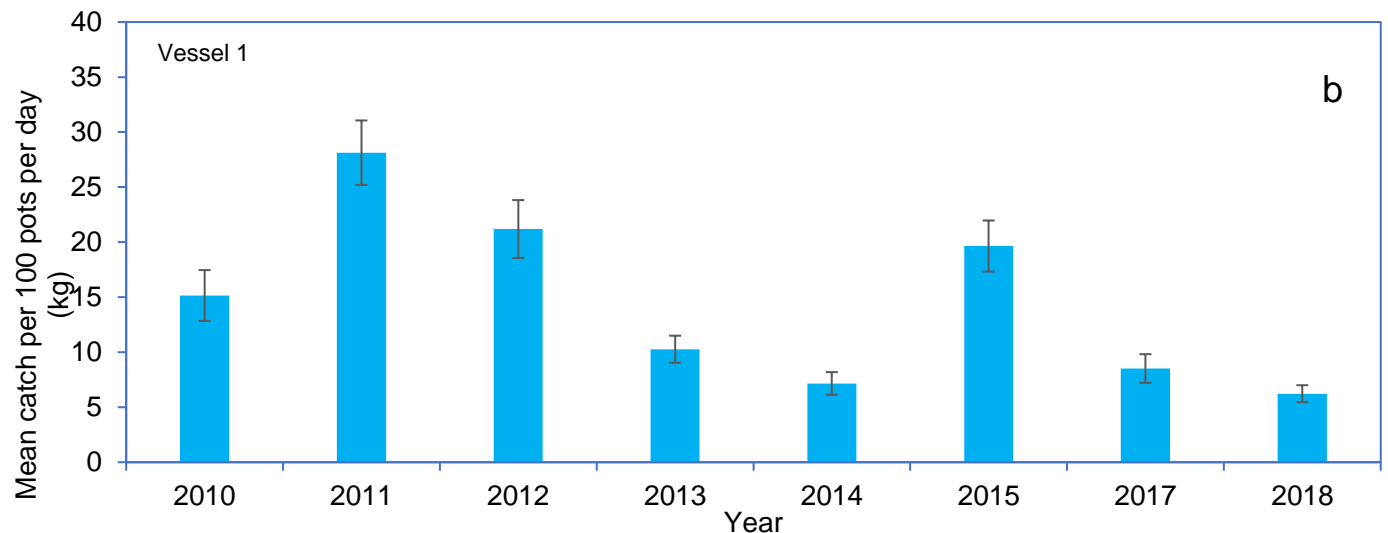
(Refer to footer for working definitions of 'Negligible', 'Slight', 'Moderate' and 'Strong')



## European Lobster (*Homarus gammarus*):



## Edible Crab (*Cancer pagurus*):



**Figure 2.** Calculated mean Lobster (*Homarus gammarus*) (a) and Crab (*Cancer pagurus*) (b) catch per 100 pots of a sentinel vessel fishing in the 'Weymouth' area (see Fig.1). Error bars represent standard error. Following ANOVA testing, overall differences in catches between years were found to be significantly different ( $P < 0.05$ ), for the results of pairwise  $t$  tests between years, please refer to Annex 1. Note that graphs for each area may have a different scale therefore may not be directly comparable.

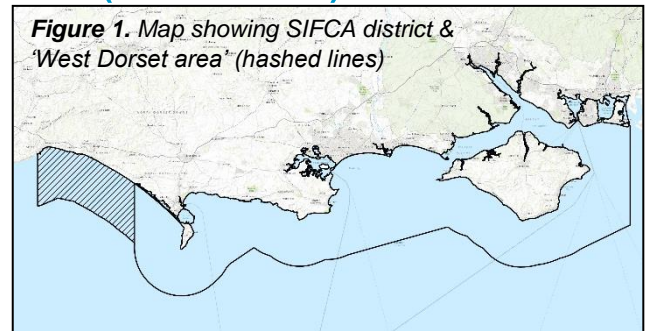
Negligible: 0-5%, Slight: 6-25% change, Moderate: 26-75% change, Strong: >75% change between 2010 and 2018.

NB. Sentinel Vessels selected by IFCO's based on data reliability and length of service. Data from Marine Shellfish Activity Returns supplied by CEFAS.

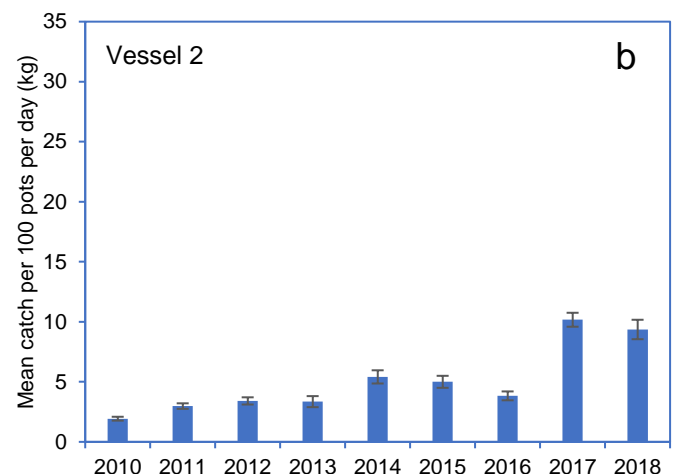
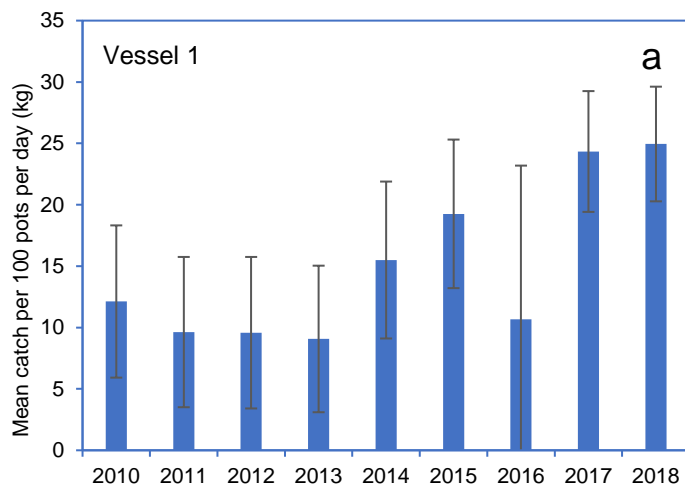
# West Dorset Crustacean Catch (2010-18)

Species	Lobster	Crab
Catch trend	Strong improvement in lobster catch over time	Moderate decline in crab catch over time
Effort trend	Moderate decline in effort over time	

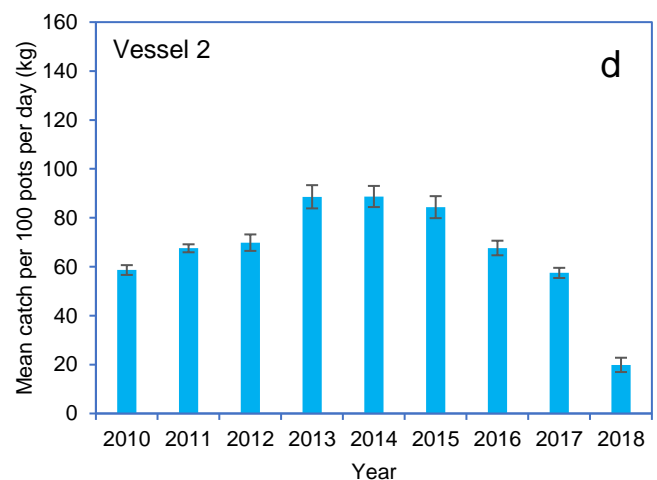
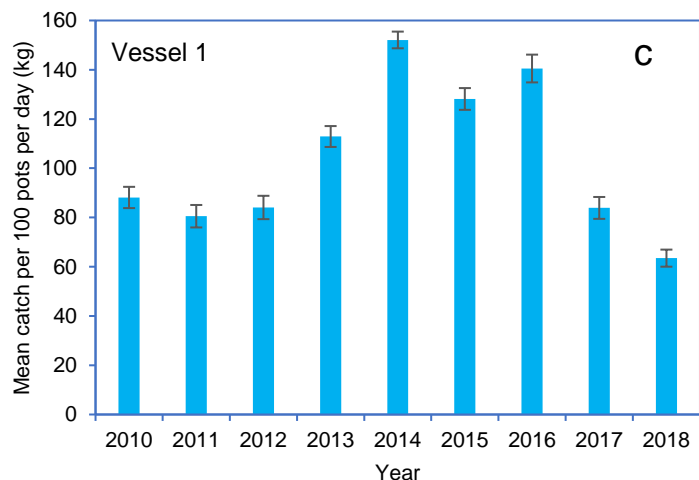
(Refer to footer for working definitions of 'Negligible', 'Slight', 'Moderate' and 'Strong')



## European Lobster (*Homarus gammarus*):



## Edible Crab (*Cancer pagurus*):



**Figure 2.** Calculated mean Lobster (*Homarus gammarus*) (a and b) and Crab (*Cancer pagurus*) (c and d) catch per 100 pots of a sentinel vessel fishing in the 'West Dorset' area (see Fig. 1). Error bars represent standard error. Following ANOVA testing, overall differences in catches between years were found to be significantly different ( $P < 0.05$ ), for the results of pairwise  $t$  tests between years, please refer to Annex 1. Note that graphs for each area may have a different scale therefore may not be directly comparable.

Negligible: 0-5%, Slight: 6-25% change, Moderate: 26-75% change, Strong: >75% change between 2010 and 2018.

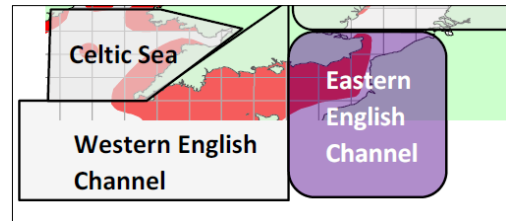
NB. Sentinel Vessels selected by IFCO's based on data reliability and length of service. Data from Marine Shellfish Activity Returns supplied by CEFAS.

# South Coast Brown Crab Catch (2010-18)

Species	EEC stock	WEC stock
Catch trend	Moderate improvement in crab catch over time	Moderate decline in crab catch over time
Effort trend	Moderate decline in effort over time	Slight decline in effort over time

(Refer to footer for working definitions of 'Negligible', 'Slight', 'Moderate' and 'Strong')

Figure 1. Map showing extent of EEC and WEC crab stocks (hashed lines)



## Eastern English Channel (EEC) stock:

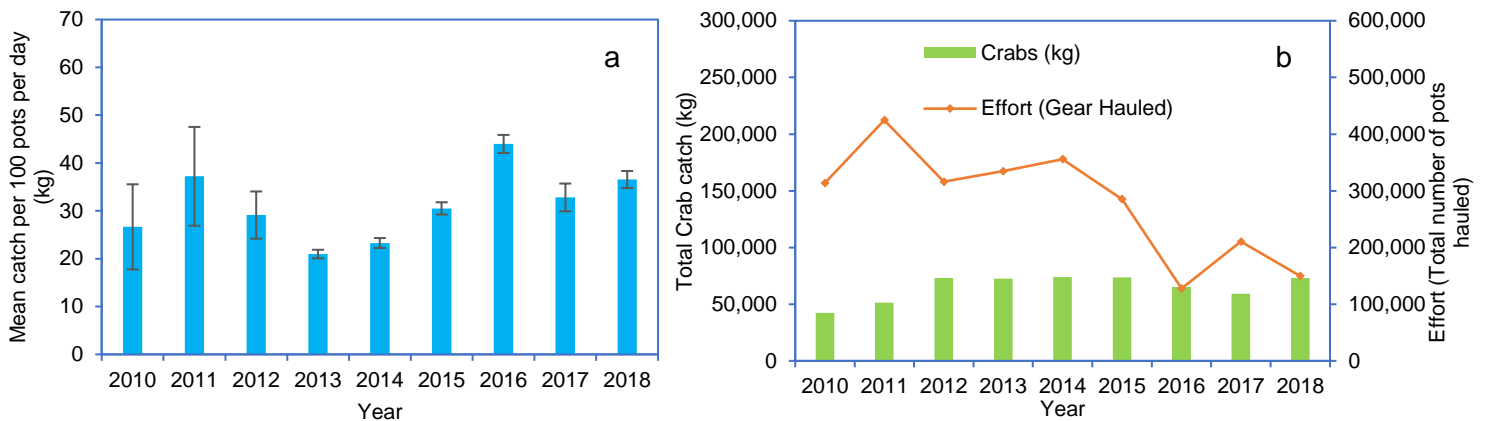


Figure 2. (a) Calculated mean Crab (*Cancer pagurus*) catch per 100 pots of all vessels fishing the EEC crab stock (see Fig. 1). Error bars represent standard error. Following ANOVA testing, overall differences in catches between years were found to be significantly different ( $P < 0.05$ ). For the results of pairwise  $t$  tests between years, please refer to Annex 1. Note axes have been scaled to enable comparison between SIFCA district and South coast crab catch. (b) Total Crab catch vs. Total Effort per year for all vessels fishing the EEC crab stock.

## Western English Channel (WEC) stock:

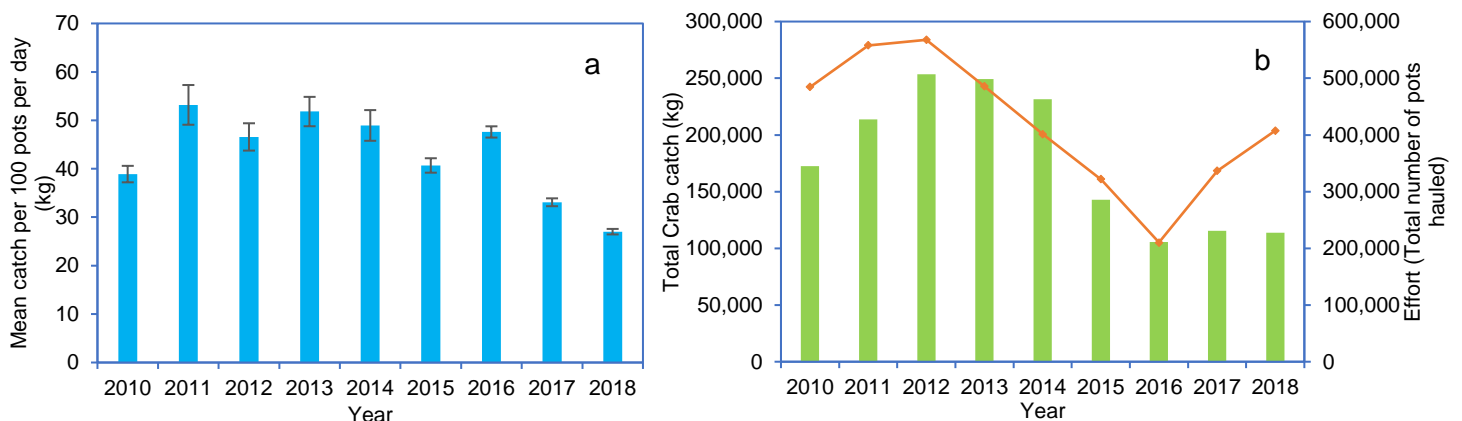


Figure 3. (a) Calculated mean Crab (*Cancer pagurus*) catch per 100 pots of all vessels fishing the WEC crab stock (see Fig. 1). Error bars represent standard error. Following ANOVA testing, overall differences in catches between years were found to be significantly different ( $P < 0.05$ ). For the results of pairwise  $t$  tests between years, please refer to Annex 1. Note axes have been scaled to enable comparison between SIFCA district and South coast crab catch. (b) Total Crab catch vs. Total Effort per year for all vessels fishing the WEC crab stock.

Negligible: 0-5%, Slight: 6-25% change, Moderate: 26-75% change, Strong: >75% change between 2010 and 2018.

NB. Sentinel Vessels selected by IFCO's based on data reliability and length of service. Data from Marine Shellfish Activity Returns supplied by CEFAS.

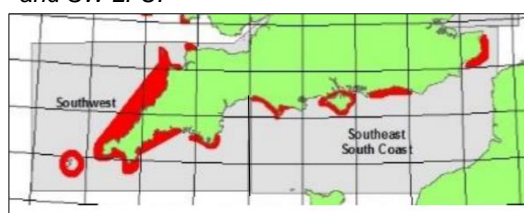


# South Coast European Lobster Catch (2010-18)

Species	SE LFU	SW LFU
Catch trend	Slight decline in lobster catch over time	Slight decline in lobster catch over time
Effort trend	Moderate decline in effort over time	Strong increase in effort over time

(Refer to footer for working definitions of 'Negligible', 'Slight', 'Moderate' and 'Strong')

Figure 1. Map showing areal extent of SE LFU and SW LFU.



## South East Lobster Fisheries Unit (SE LFU):

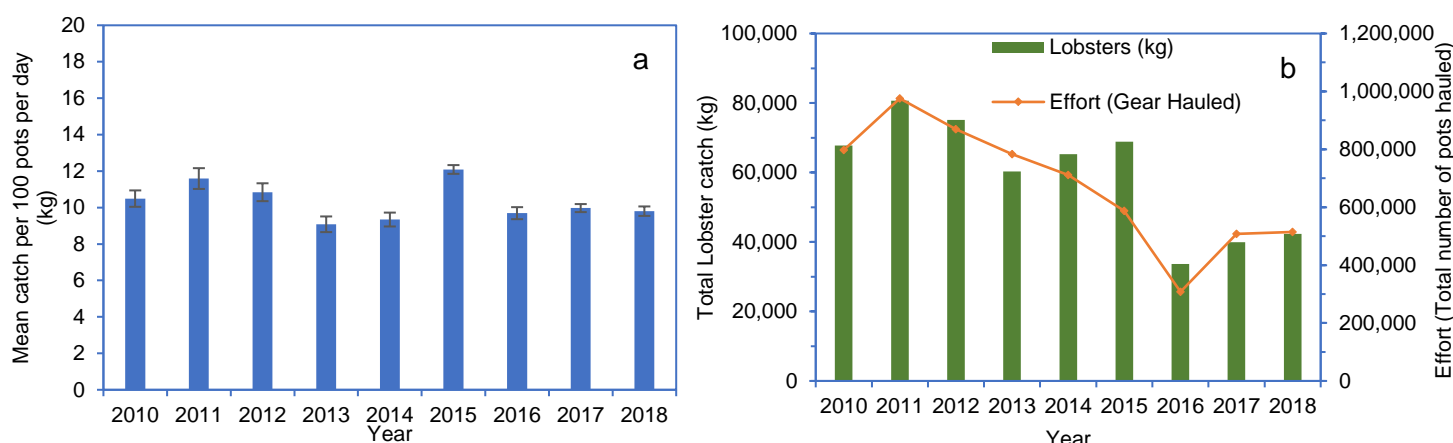


Figure 2. (a) Calculated mean Lobster (*Homarus gammarus*) catch per 100 pots of all vessels fishing the SE LFU (see Fig.1). Error bars represent standard error. Following ANOVA testing, overall differences in catches between years were found to be significantly different ( $P < 0.05$ ). For the results of pairwise  $t$  tests between years, please refer to Annex 1. Note axes have been scaled to enable comparison between SIFCA district and South coast lobster catch. (b) Total Lobster catch vs. Total Effort per year for all vessels fishing the SE LFU.

## South West Lobster Fisheries Unit (SW LFU):

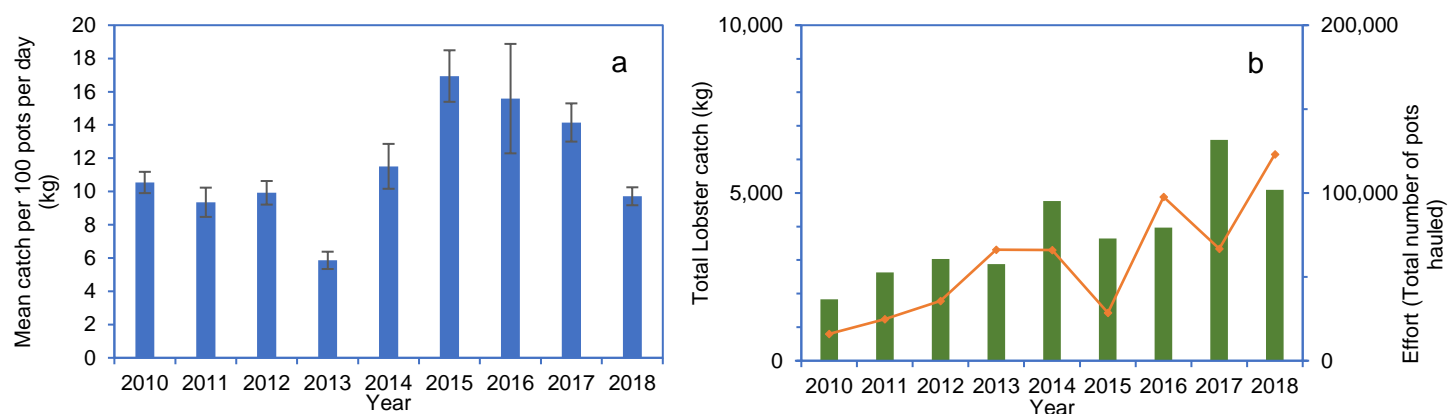


Figure 23. (a) Calculated mean Lobster (*Homarus gammarus*) catch per 100 pots of all vessels fishing the SW LFU (see Fig.1). Error bars represent standard error. Following ANOVA testing, overall differences in catches between years were found to be significantly different ( $P < 0.05$ ). For the results of pairwise  $t$  tests between years, please refer to Annex 1. Note axes have been scaled to enable comparison between SIFCA district and South coast lobster catch. (b) Total Lobster catch vs. Total Effort per year for all vessels fishing the WEC crab stock.

Negligible: 0-5%, Slight: 6-25% change, Moderate: 26-75% change, Strong: >75% change between 2010 and 2018.

NB. Sentinel Vessels selected by IFCO's based on data reliability and length of service. Data from Marine Shellfish Activity Returns supplied by CEFAS.