













Fits to mature survey biomass













Female



Survey numbers, females


Survey numbers, males


Survey proportions, females





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Survey proportions, immature new shell females



Survey proportions, mature new shell females



Survey proportions, mature old shell females



Survey proportions, immature new shell males



Year
Standardized Pearson Residual Range -2.621 2.983

Survey proportions, mature new shell males




















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Survey proportions, mature old shell males



Survey proportions, mature males



Year
Standardized Pearson Residual Range -1.484 2.924



Summed survey proportions, immature individuals

directed fishery, all retained males



directed fishery, all males



directed fishery, all females



snow crab fishery discards, all males

snow crab fishery discards, all females



BBRKC fishery discards, all females


BBRKC fishery discards, all males


groundfish fishery: females

groundfish fishery: males









## Carapace Width(mm)

Trawl survey selectivity, females







Fishery Year


Fishery Year

Directed fishery male discard mortality biomass relative to retained catch biomass


Fishery Year


Fishery Year




Snow crab fishery, female discards















