

Chapter 2

Tables

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Table 2.5-1. Stock assessment survey strategy for the Bering Sea and Aleutian Islands and Gulf of Alaska groundfish resources based on the 1999–2000 biennial cycle.

Survey	Season	Frequency	Number of vessels	Area (square kilometers)	Number of stations or trackline (kilometers)	Days at sea
Bottom trawl surveys						
Bering Sea shelf	Summer	Annual	2	463,000	400	135
Bering Sea slope	Summer	Biennial	1	25,000	100	35
Aleutian Islands shelf	Summer	Biennial	2	66,900	476	140
Gulf of Alaska shelf and slope	Summer	Biennial	3	320,000	870	220
Longline surveys						
Gulf of Alaska slope	Summer	Annual	1	55,500	74	83
Bering Sea slope	Summer	Biennial	1	17,400	16	18
Aleutian Islands slope	Summer	Biennial	1	24,600	14	18
Acoustic surveys						
Bering Sea pollock	Summer	Annual	1	340,000	10,200	60
Bogoslof pollock	Winter	Annual	1	31,000	2,300	11
Shelikof pollock	Winter	Annual	1	38,000	1,700	15

Table 2.5-2. Methods used to update annual stock assessments for Alaska groundfish, 2004.

Species	Area	Assessment method
Pollock	Bering Sea	AD Model Builder
	Aleutian Islands	Survey Index
	Bogoslof	Survey Index
	Gulf of Alaska	AD Model Builder
Pacific cod	Bering Sea and Aleutian Islands	Stock Synthesis
	Gulf of Alaska	Stock Synthesis
Sablefish	Gulf of Alaska and Bering Sea and Aleutian Islands	AD Model Builder
Atka mackerel	Aleutian Islands	Stock Synthesis
	Gulf of Alaska	Survey Index
Yellowfin sole	Bering Sea and Aleutian Islands	AD Model Builder
Rock sole	Bering Sea and Aleutian Islands	AD Model Builder
Greenland turbot	Bering Sea and Aleutian Islands	Stock Synthesis
Arrowtooth flounder	Bering Sea and Aleutian Islands	Stock Synthesis
	Gulf of Alaska	AD Model Builder
Flathead sole	Bering Sea and Aleutian Islands	Stock Synthesis
	Gulf of Alaska	AD Model Builder
Alaska plaice	Bering Sea and Aleutian Islands	AD Model Builders
Rex sole	Gulf of Alaska	Survey Index
Shallow water flatfish	Gulf of Alaska	Survey Index
Deep water flatfish	Gulf of Alaska	Survey Index
Other flatfish	Bering Sea and Aleutian Islands	Survey Index
Pacific ocean perch	Bering Sea	Stock Synthesis
	Aleutian Islands	Stock Synthesis
	Gulf of Alaska	Stock Synthesis
Northern rockfish	Aleutian Islands	AD Model Builder
	Gulf of Alaska	Survey Index
Shortraker/rougheye rockfish	Aleutian Islands	Survey Index
	Gulf of Alaska	Survey Index
Thornyhead rockfish	Gulf of Alaska	AD Model Builder
Slope rockfish	Gulf of Alaska	Survey Index
Pelagic shelf rockfish	Gulf of Alaska	Survey Index
Demersal shelf rockfish	Gulf of Alaska	Survey Index
Other rockfish	Bering Sea	Survey Index
	Aleutian Islands	Survey Index
	Gulf of Alaska	Survey Index
Squid	Bering Sea and Aleutian Islands	Survey Index
Skates	Gulf of Alaska	Survey Index
Other species	Bering Sea and Aleutian Islands	Survey Index
Total by assessment method		
Stock Synthesis	9	
AD Model Builder	10	
Survey Index	19	