



UNITED STATES
DEPARTMENT OF THE INTERIOR
FISH AND WILDLIFE SERVICE
BUREAU OF SPORT FISHERIES AND WILDLIFE
WASHINGTON 25, D. C.

ADDRESS ONLY THE DIRECTOR,
BUREAU OF SPORT FISHERIES
AND WILDLIFE

November 3, 1959

Mr. Click Relander
1212 North 32nd Avenue
Yakima, Washington

Dear Mr. Relander:

Your request for information on the American elk has been referred to this office. We understand that two photographs were sent you on October 28 in answer to your request. Herewith we enclose copies of our Big Game Inventory from 1956 to 1958, from which you may get an idea of the distribution and approximate populations of elk in the several western States. I regret that we have no literature for distribution concerned with this species. In lieu thereof, we suggest that you refer to the recent and definitive work on the elk, "The Elk of North America," by Olaus J. Murie, published by The Stackpole Company, Harrisburg, Pennsylvania, and the Wildlife Management Institute, Washington, D. C., 1951.

For details concerning the distribution of breeding stock we suggest that you contact the various State game departments. A list of the names and addresses is enclosed.

Sincerely yours,

Richard H. Manville, Acting Director
Bird and Mammal Laboratories
Branch of Wildlife Research

Enclosures 4

BIG GAME INVENTORY FOR 1956

Compiled by Branch of Wildlife Research
BUREAU OF SPORT FISHERIES AND WILDLIFE

The big-game kill and population estimates of this Inventory are given as reported by the States, based on the best information available to them. The population estimates are made as of the end of the calendar year. Total counts are impractical except in rare instances; estimates are generally based on trend counts—partial counts repeated year after year. These give some indication of probable changes in big-game populations, but sometimes the changes in inventory figures from year to year are the result of changes in estimating methods rather than of changes in populations.

The species listed are free ranging and do not include those of National parks or wildlife refuges.

UNITED STATES DEPARTMENT OF THE INTERIOR
FISH AND WILDLIFE SERVICE

Wildlife Leaflet 395 March 1958

PART 1.--SPECIES REPORTED BY WESTERN AND EASTERN STATES, 1956

STATE	MOOSE		ELK		WHITE-TAILED DEER		BLACK BEAR		WILD TURKEY	
	Kill	Pop.est.	Kill	Pop.est.	Kill	Pop.est.	Kill	Pop.est.	Kill	Pop.est.
Arizona.....	.....	.....	302 AD	5,000	2,423 AD	27,500	60 C	600	1,367 D	27,000
California.....	.....	.....	NOS	1,000	.....	.....	4,000 C	20,000	NOS	4,000
Colorado.....	.....	.....	8,372 ADF	(G)	(H)	(G)	324 ADF	(G)	363 AD	(G)
Idaho.....	134 A	1,600	15,910 AF	80,000	10,980 AF	55,000	2,450 AF	12,500	.....	.....
Kansas.....	.....	.....	.....	.....	NOS	2,500	.....	.....	.....	10
Montana.....	283 F	3,570	11,661 F	43,596	17,225 F	85,060	390 C	5,845	.....	250
Nebraska.....	.....	.....	.....	.....	351 A	(H)	.....	.....	.....	.....
Nevada.....	.....	.....	27 D	450	.....	.....	.....	.....	.....	.....
New Mexico.....	.....	.....	385 ABE	7,500	1,000 ACF	8,000	135 ACF	1,500	1,575 ACF	25,000
North Dakota.....	.....	.....	.....	.....	21,236 ACF	30,000	.....	.....	.....	7,875
Oklahoma.....	.....	.....	.....	.....	1,899	20,000	.....	.....	.....	.....
Oregon.....	.....	.....	7,088 DF	40,000	100 C	1,500	1,000 C	10,000	.....	100
South Dakota.....	.....	.....	50 D	400	10,478 D	90,000	.....	.....	.....	4,500
Texas.....	.....	.....	.....	300	95,000 ABC	900,000	.....	20	3,000 C	60,000
Utah.....	60	.....	817 A	5,000	.....	.....	.....	500	.....	100
Washington.....	.....	.....	6,100 DF	28,000	12,025 DF	50,000	6,700 F	32,000	.....	.....
Wyoming.....	510 AC	3,389	13,032 ACF	35,577	(H)	(H)	213 AC	2,000	270 F	2,800
Alabama.....	.....	.....	.....	.....	10,171	83,635	.....	.....	5,122 I	50,963
Arkansas.....	.....	.....	.....	.....	8,249 D	120,000	.....	.....	314 D	9,000
Connecticut.....	.....	.....	.....	.....	509 D	7,500	.....	.....	.....	.....
Delaware.....	.....	.....	.....	.....	248 A	3,000	.....	.....	.....	.....
Florida.....	.....	.....	.....	.....	11,000 AF	48,000	75 C	450	16,000 AF	50,000
Georgia.....	.....	.....	.....	.....	5,000 ABCD	37,000	.....	.....	3,000 ABCD	24,000
Illinois.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Indiana.....	.....	.....	.....	.....	198 D	6,800	.....	.....	.....	27
Iowa.....	.....	.....	.....	.....	2,667 ACD	10,000	.....	.....	.....	.....
Kentucky.....	.....	.....	.....	.....	800 AD	30,000	.....	.....	.....	.....
Louisiana.....	.....	.....	.....	.....	10,500 C	.....	NOS	.....	75 BC	.....
Maine.....	NOS	3,000	.....	.....	40,290 A	180,000	519 A	7,000	.....	.....
Maryland.....	.....	.....	.....	.....	4,084 A	23,000	.....	12	750 AC	7,500
Massachusetts.....	.....	.....	.....	.....	4,416 D	.....	.....	.....	.....	.....
Michigan.....	NOS	5	NOS	400	76,540 F	600,000	810 F	5,000	NOS	400
Minnesota.....	NOS	1,300	NOS	25	69,875 DF	.....	500 CD	.....	.....	.....
Mississippi.....	.....	.....	.....	.....	4,000 AB	70,000	NOS	30	1,000 AB	15,000
Missouri.....	.....	.....	.....	.....	7,900 AD	200,000	.....	12	NOS	3,100
New Hampshire.....	NOS	50	NOS	25	10,937 DK	50,000	99 DK	600	.....	.....
New Jersey.....	.....	.....	.....	.....	6,760 D	39,500	.....	10	.....	18
New York.....	.....	.....	.....	.....	72,315 AD	350,000	419 AD	3,400	.....	.....
North Carolina.....	.....	.....	.....	.....	18,000	180,000	1,000	10,000	2,500	15,000
Ohio.....	.....	.....	.....	.....	4,200 D	25,000	NOS	12	NOS	200
Pennsylvania.....	.....	.....	.....	.....	41,921 D	300,000	335 D	1,000	14,481 ABC	70,000
Rhode Island.....	.....	.....	.....	.....	2 D	750	.....	.....	.....	.....
South Carolina.....	.....	.....	.....	.....	9,000 C	80,000	20 C	300	1,000 C	18,000
Tennessee.....	.....	.....	.....	.....	2,580 AD	20,000	7 AD	200	75 AD	7,500
Vermont.....	20	.....	.....	.....	9,697 D	150,000	270 D	3,000	.....	.....
Virginia.....	.....	.....	NOS	250	20,859 AD	175,000	135 AD	500	2,470 AD	6,000
West Virginia.....	.....	.....	.....	.....	18,245 AD	100,000	58 AD	450	1,247 AD	10,500
Wisconsin.....	.....	.....	.....	.....	36,829 A	500,000	212 A	.....	NOS	200
Total.....	927	12,994	63,744	247,523	680,509	4,658,745	19,731	116,941	54,609	419,043

Determination of kill: Methods used by game wardens and technicians -

A - checking stations

B - interviews

C - general field observations

State central office methods -

D - license stubs or card returns

E - ranchers' coupons

F - questionnaire to license holders

/ - minimum estimate

NOS - no open season

PART 2.--SPECIES REPORTED BY WESTERN STATES ONLY, 1956

STATE	GRIZZLY BEAR		MULE DEER		BLACK-TAILED DEER		PRONGHORN ANTELOPE		MOUNTAIN CARIBOU	
	Kill	Pop.est.	Kill	Pop.est.	Kill	Pop.est.	Kill	Pop.est.	Kill	Pop.est.
Arizona.....	.....	.....	25,118 AD	184,000	.....	.....	297 D	8,500	.....	.....
California.....	.....	.....	54,250 CD	520,000	56,699 CF	580,000	NOS	2,400	.....	.....
Colorado.....	.....	(G)	85,138 ADFH	(G)	.....	.....	2,969 AD	(G)	.....	.....
Idaho.....	NOS	50	60,905 AF	260,000	.....	.....	919 A	8,000	NOS	100
Kansas.....	.....	.....	NOS	500	.....	.....	NOS	40	.....	.....
Montana.....	22 C	465	83,291 F	296,100	.....	.....	22,818 F	58,971	.....	.....
Nebraska.....	.....	.....	6,228 A	75,000 H	.....	.....	748 A	4,000	.....	.....
Nevada.....	.....	.....	32,219 F	150,000	.....	.....	80 D	3,500	.....	.....
New Mexico.....	.....	.....	36,000 ACF	275,000	.....	.....	1,100 ACE	22,000	.....	.....
North Dakota.....	.....	.....	7,975 ACF	10,000	.....	.....	1,150 ACD	7,000	.....	.....
Oklahoma.....	.....	.....	39	.....	.....	.....	.....	.....	.....	.....
Oregon.....	.....	.....	85,128 DF	375,000	40,572 DF	225,000	318 D	9,000	.....	.....
South Dakota.....	.....	.....	6,352 D	40,000	.....	.....	5,616 D	15,000	.....	.....
Texas.....	.....	.....	2,000 DF	15,000	.....	.....	1,179 A	8,296	.....	.....
Utah.....	.....	.....	122,585 F	375,000	.....	.....	47 A	1,700	.....	.....
Washington.....	.....	10	15,000 DF	110,000	34,780 DF	150,000	.....	180	.....	10
Wyoming.....	3 AC	50	52,469 ACFH	125,570 H	.....	.....	23,013 ACF	105,264	.....	.....
Total.....	25	575	674,697	2,811,170	132,051	955,000	60,254	253,851	....	110
STATE	PECCARY (JAVELINA)		BIGHORN SHEEP		MOUNTAIN GOAT		AMERICAN BISON			
	Kill	Pop.est.	Kill	Pop.est.	Kill	Pop.est.	Kill	Pop.est.		
Arizona.....	2,236 D	12,000	6 A	3,400	...	.....	30 A	416		
California.....	.....	.....	NOS	1,500	...	.....	...	...		
Colorado.....	.....	.....	33 ADF	(G)	...	.....	...	...		
Idaho.....	.....	.....	19 A	2,500	22 AF	2,800	...	...		
Kansas.....	.....	.....	...	.....	...	.....	...	...		
Montana.....	.....	.....	37 F	1,615	218 F	3,690	...	...		
Nebraska.....	.....	.....	...	.....	...	.....	...	...		
Nevada.....	.....	11	26 D	2,800	...	.....	...	...		
New Mexico.....	NOS	1,000	NOS	400	...	.....	...	...		
North Dakota.....	.....	.....	...	18	...	.....	...	...		
Oklahoma.....	.....	.....	...	.....	...	.....	...	...		
Oregon.....	.....	.....	...	34	...	7	...	...		
South Dakota.....	.....	.....	...	30	...	280	...	...		
Texas.....	5,000 AC	100,000	...	25	...	.....	...	...		
Utah.....	.....	.....	...	50	...	.....	...	...		
Washington.....	.....	.....	...	...	77 F	5,000	...	...		
Wyoming.....	.....	.....	49 AC	2,432	...	.....	...	...		
Total.....	7,236	113,011	170	14,804	317	11,777	30	416		

G - Colorado: population estimates not given. The population trend of elk, white-tailed and mule deer, and bighorn sheep is indicated increasing, while that of black and grizzly bear, pronghorn antelope, mountain goat, and wild turkey is similar to 1955.

H - Colorado and Wyoming: all data of white-tailed deer included under mule deer. Nebraska: population estimate of white-tailed deer included with that of mule deer.

I - Alabama: Kill of wild turkey includes spring season, 1957.

J - Illinois: No data available.

K - New Hampshire: Kill figure of white-tailed deer does not include an estimate of 1,000 not reported and 544 killed by accident. Kill of black bear does not include an estimate of 26 not reported.

INT.-DUP. SEC., WASH., D.C. 34453

PART 3.--FOREIGN SPECIES, 1956

STATE	EUROPEAN WILD BOAR		BARBARY SHEEP	
	Kill	Pop.est.	Kill	Pop.est.
California.....	300 C	850	...	...
New Hampshire.....	25 C	25	...	...
New Mexico.....	...	...	5 AD	400
North Carolina.....	30 A	300	...	...
Tennessee.....	55 AD	500	...	...
Total.....	410	1,675	5	400

BIG GAME INVENTORY FOR 1957

Compiled in Bird and Mammal Laboratories
Branch of Wildlife Research
BUREAU OF SPORT FISHERIES AND WILDLIFE

The big-game kill and population figures in this Inventory are tabulated as reported by the States. These figures are based on the best information available on the abundance of each big-game species at the end of calendar year 1957. It is usually impractical to attempt to make total counts of a big-game species and in practically all cases the estimates are based on partial or trend counts which are repeated in the same areas and in the same way each year. Therefore, the chief value of this Inventory is in showing whether the species has increased, decreased, or remained relatively constant from one year to the next. It should not be considered as giving accurate figures on total abundance of these species.

The State of Washington reports 18 bighorn sheep under fence, recently introduced from British Columbia. Except for this case, all figures refer to free-ranging populations. Thus, the Inventory does not include animals confined by fences on National Parks or National Wildlife Refuges.

UNITED STATES DEPARTMENT OF THE INTERIOR
FISH AND WILDLIFE SERVICE

Wildlife Leaflet 399

September 1958

PART 1.--SPECIES REPORTED BY WESTERN AND EASTERN STATES, 1957

STATE	MOOSE		ELK		WHITE-TAILED DEER		BLACK BEAR		WILD TURKEY	
	Kill	Pop.est.	Kill	Pop.est.	Kill	Pop.est.	Kill	Pop.est.	Kill	Pop.est.
Arizona.....			177 AD	5,000	2,401 AD	27,500	.....	600	692 D	27,000
California.....			8,155 AD	900 I	.....	.....	.....	.....	.....	1,500 I
Colorado.....									328 AD	.....
Idaho.....	91 AD	1,600 I	13,600 DF	.....	.....	.....	.....	.....	.....	.....
Kansas.....					9,000 CDF	55,000 I	2,000 ACF	.....	.....	.....
Minnesota.....						3,400	.....	.....	.....	.....
Montana.....	342 ACF	3,635 G	9,819 ACF	36,147 H	25,664 ACF	84,403 H	685 ACF	7,302 G	.....	997 G
Nebraska.....					279 A	.....	.....	.....	.....	.....
Nevada.....			26 D	450 I	.....	.....	.....	.....	.....	.....
New Mexico.....			473 AF	.....	.....	.....	258 ACF	.....	1,339 AF	.....
North Dakota.....										
Oklahoma.....										
Oregon.....			7,506 DF	45,000 G	.....	.....	.....	.....	.....	.....
South Dakota.....	NOS	.....	58 D	300	100 G	90,000	NOS	10,000 I	300 DF	7,000 G
Texas.....					6,225 D	90,000	.....	20 I	5,000	75,000
Utah.....		70 G	932 A	5,000 I	99,000 ABCD	900,000 I	.....	500 I	.....	150 G
Washington.....										
Wyoming.....	653 AC	3,108 I	6,100 AF	32,000 G	11,090 F	60,000 G	5,200 F	28,000 H	393 F	3,000 G
.....			7,726 ACF	28,269 H	.....	.....	192 AC	.....	.....	.....
Alabama.....					10,376	83,635 G	.....	.....	5,506 J	50,963 G
Arkansas.....					9,438	125,000	.....	.....	461	10,000
Connecticut.....					684 D	8,500 G	.....	.....	.....	.....
Delaware.....										
Florida.....					10,000 AF	50,000 I	60 C	450 I	10,000 AF	40,000 H
Georgia.....					7,500 ABCD	90,000	50 C	.....	3,000 ABCD	25,000
Illinois.....					2,035 AK	.....	.....	.....	.....	40 G
Indiana.....					NOS	7,800 G	.....	.....	.....	.....
Iowa.....						10,643 I	.....	.....	.....	1,000 G
Kentucky.....					2,805 ADF	.....	.....	.....	.....	.....
Louisiana.....					1,200 ACD	50,000 G	NOS	.....	100 ABC	.....
Maine.....					10,500 C	.....	.....	.....	.....	.....
Maryland.....					40,142 A	180,000 I	1,400 C	7,000 I	.....	7,500 I
Massachusetts.....					4,404 A	25,000+I	.....	12	750 AC	.....
Michigan.....					4,090 AD	25,000+I	.....	0	.....	.....
Minnesota.....	NOS	30 I	NOS	900 G	79,435 F	600,000 I	950 F	7,000 G	NOS	500 G
Mississippi.....	NOS	1,500 G	NOS	25 I	67,900 DF	.....	600 CDF	.....	.....	18,000 G
Missouri.....					5,000 AB	.....	.....	30 I	1,200 AB	3,100 I
New Hampshire.....	NOS C	50+G	NOS C	25+I	10,000 AD	45,000+H	92 D	600+I	NOS	.....
New Jersey.....					7,747 D	.....	.....	18 G	.....	.....
New York.....					72,577 ACD	375,000+I	253 ACD	3,300+I	.....	1,500+G
North Carolina.....					18,000	180,000 G	1,000	10,000 I	2,500	15,000
Ohio.....					4,698 D	.....	.....	.....	.....	200 G
Pennsylvania.....			NOS	75-I	105,116 D	400,000 G	294 D	750 H	16,156 C	40,000 G
Rhode Island.....					1 D	1,000 G	.....	.....	.....	20,000
South Carolina.....					9,000 C	80,000	5	100 H	1,500	8,000 G
Tennessee.....					2,741 AD	22,000 G	24 AD	200 I	69 AD	.....
Vermont.....		20 I	.....	.....	11,435 D	150,000 I	175 D	3,000 I	.....	.....
Virginia.....			NOS	250 I	22,472 AD	180,000 G	213 AD	500 I	2,060 AD	5,500 H
West Virginia.....					6,206 A	.....	49 A	1,167 A	.....	.....
Wisconsin.....					68,138 A	500,000+I	343 A	.....	NOS	200
Total.....	1,086	13,013	54,572	230,641	774,534	4,547,381	18,997	79,894	52,521	361,160

Determination of Kill:

Methods used by game wardens and technicians -

- A - checking stations
- B - interviews
- C - general field observations
- State central office methods -
- D - license stubs or card returns
- E - ranchers' coupons
- F - questionnaire to license holders

NOS - no open season

Population trend from 1956 to 1957:

- G - more
- H - less
- I - same

PART 2.--SPECIES REPORTED BY WESTERN STATES ONLY, 1957

STATE	GRIZZLY BEAR		MULE DEER		BLACK-TAILED DEER		FRONTIER ANTELOPE		MOUNTAIN CARIBOU	
	Kill	Pop.est.	Kill	Pop.est.	Kill	Pop.est.	Kill	Pop.est.	Kill	Pop.est.
Arizona.....	.....	.....	20,166 AD	185,000	.....	.....	205 D	8,500	.....	.....
California.....	.....	.....	30,663 D	520,000 I	37,430 D	580,000 I	.....	2,100 H	.....	.....
Colorado.....	.....	.....	114,529 AD	.....	.....	.....	3,302 AD	.....	.....	.....
Idaho.....	.....	50 I	53,000 ADF	260,000 I	.....	.....	1,001 AD	8,000 I	NOS	125 G
Kansas.....	.....	.....	NOS	600 G	.....	.....	NOS	100 G	.....	.....
Minnesota.....	.....	.....	6 BC	.....	.....	.....	.....	.....	.....	.....
Montana.....	23 ACF	626 G	79,539 ACF	299,462 G	.....	.....	.....	54,884 H	.....	.....
Nebraska.....	.....	.....	8,245 A	75,000 I	.....	.....	.....	3,500 H	.....	.....
Nevada.....	.....	.....	22,500 DF	150,000 I	.....	.....	.....	3,500 I	.....	.....
New Mexico.....	.....	.....	37,271 AFD	.....	.....	.....	.....	8,000 I	.....	.....
North Dakota.....	.....	.....	2,800 F	.....	.....	.....	1,381 D	.....	.....	.....
Oklahoma.....	.....	.....	29 A	.....	.....	.....	.....	.....	.....	.....
Oregon.....	.....	.....	81,852 DF	425,000 I	34,637 DF	250,000 G	.....	11,500 G	.....	.....
South Dakota.....	NOS	.....	3,275 D	40,000	NOS	.....	294 D	18,000 G	.....	.....
Texas.....	.....	.....	1,900 ABCD	75,000 N	.....	.....	3,800 D	7,800 H	.....	.....
Utah.....	.....	.....	105,599 F	375,000 I	.....	.....	834 A	1,000 I	.....	.....
Washington.....	.....	.....	13,860 F	115,000 G	27,550 F	180,000 G	34 A	200 G	.....	10
Wyoming.....	8 AC	.....	64,807 ACFP	.....	.....	.....	25,708 F	109,906 G	.....	.....
Total.....	31	686	640,041	2,520,062	99,617	1,010,000	52,927	236,990	..	135

STATE	PECCARY (JAVELINA)		BIGHORN SHEEP		MOUNTAIN GOAT		AMERICAN BISON	
	Kill	Pop.est.	Kill	Pop.est.	Kill	Pop.est.	Kill	Pop.est.
Arizona.....	2,511 D	12,000	6 A	3,400	.....	.....	446	.....
California.....	.....	.....	2,000+I	.....	.....	.....	.....	.....
Colorado.....	.....	.....	60 AD	.....	.....	.....	.....	.....
Idaho.....	.....	.....	29 AD	2,500 I	76 AD	2,800 I	.....	.....
Kansas.....	.....	.....	.....	.....	.....	.....	.....	.....
Minnesota.....	.....	.....	.....	.....	.....	.....	.....	.....
Montana.....	.....	.....	60 ACF	1,975 G	407 ACF	5,177 G	.....	.....
Nebraska.....	.....	.....	.....	.....	.....	.....	.....	.....
Nevada.....	.....	.....	25 D	2,800 I	.....	.....	.....	.....
New Mexico.....	NOS	.....	NOS	22 G	.....	.....	.....	.....
North Dakota.....	.....	.....	.....	.....	.....	.....	.....	.....
Oklahoma.....	.....	.....	.....	.....	.....	.....	.....	.....
Oregon.....	.....	.....	NOS	44	NOS	20	.....	.....
South Dakota.....	.....	.....	.....	.....	.....	.....	.....	.....
Texas.....	1,050 ACD	100,000 I	.....	25 I	.....	.....	.....	.....
Utah.....	.....	.....	.....	50 I	206 F	5,000 I	50 I	.....
Washington.....	.....	.....	50 AC	2,255 I	.....	.....	.....	.....
Wyoming.....	.....	.....	.....	.....	.....	.....	.....	.....
Total.....	3,561	112,011	230	15,089	689	12,997	466	.....

PART 3.--FOREIGN SPECIES, 1957

STATE	EUROPEAN WILD BOAR		BARBARY SHEEP	
	Kill	Pop.est.	Kill	Pop.est.
California.....	100 C	I	.....	.....
New Hampshire.....	25 BC	25+I	43 A	.....
New Mexico.....	30 A	300	.....	.....
North Carolina.....	78 AD	500 I	.....	.....
Tennessee.....	.....	.....	.....	.....
Total.....	233	825	43	.....

BIG GAME INVENTORY FOR 1958

Compiled in Bird and Mammal Laboratories
Branch of Wildlife Research
BUREAU OF SPORT FISHERIES AND WILDLIFE

As in the past, the kill and population figures in this Inventory are the figures reported by the States. These estimates constitute the best information available on the abundance of big-game species at the end of the calendar year 1958. Attempts to make total counts of big-game animals are usually impractical; in most cases, estimates are based on partial or trend counts, repeated in the same way and on the same sample areas each year. Therefore, the chief value of this Inventory is in showing whether a species has increased, decreased, or remained relatively constant from one year to the next. The figures given should not be regarded as precise measurements of total abundance of these species.

Several States which formerly reported total population estimates have discontinued doing so, feeling that they are not justified by the harvest figures presented. Helpful indications of trend have, in most cases, been substituted. No figures for the State of Alaska are included in this Inventory, except for those under Mount McKinley National Park.

An innovation with this 1958 Inventory is the tabulation (Part 4) of animals under wire or free-ranging on various Federal- or State-administered areas. The treatment is similar (except for kill figures) to that in other parts of the Inventory, but with this initial effort the coverage is not as complete as might be desired. For this reason, only the totals or trends are indicated for those National Monuments, National Wildlife Refuges, and State Parks and Refuges which reported.

UNITED STATES DEPARTMENT OF THE INTERIOR

FISH AND WILDLIFE SERVICE

BUREAU OF SPORT FISHERIES AND WILDLIFE

PART 1.--Species Reported by Western and Eastern States, 1958

STATE	MOOSE		ELK		WHITE-TAILED DEER		BLACK BEAR		WILD TURKEY	
	Kill	Pop.est.	Kill	Pop.est.	Kill	Pop.est.	Kill	Pop.est.	Kill	Pop.est.
Arizona.....	.....	.....	251 ACF	5,000	5,098 AF	27,500	130 F	600	727 F	27,000
California.....	.....	.....	.....	2,600 M	.....	.....	620 D	 S	.....	1,500 S
Colorado.....	.....	.....	8,598 ADF	 M	.....	.....	584 ADF	 M	343 ADF	 M
Idaho.....	74 AD	1,600 S	16,449 F	60,000 L	12,087 DF	 GS	3,708 F	.....	.....	.....
Kansas.....	.....	.....	.....	.....	NOS	5,400 M	.....	.....	NOS	114 M
Montana.....	469 ADF	.....	12,188 ADF	.....	28,235 ADF	.....	1,064 ADF	.....	100 A	.....
Nebraska.....	.....	.....	.....	443 A	 G	.....	.....	.....	.....	.....
Nevada.....	1 B	.....	11 D	400 L	.....	.....	1 B	25 M	.....	.....
New Mexico.....	.....	.....	700 AF	10,000 M	1,000 AF	18,000 M	300 AF	2,000 S	2,200 AF	25,000 M
North Dakota..	.....	.....	.....	.....	9,700 F	 M	.....	.....	88	 S
Oklahoma.....	.....	.....	.....	.....	1,848 A	15,000 M	.....	.....	.....	.....
Oregon.....	.....	.....	6,959 DF	45,000 S	100 C	1,500 S	1,000 C	10,000 S	.....	.....
South Dakota..	.....	.....	40 D	200 M	7,630 D	100,000 M	.....	.....	640 D	5,000 M
Texas.....	.....	.....	.....	300 S	125,000 ABC	1,150,000 M	.....	20 S	6,200 ABC	100,000 M
Utah.....	7 AD	100 S	1,075 AD	5,000 S	.....	.....	.....	200 S	NOS	500 M
Washington.....	.....	.....	7,400 DF	38,000 M	11,775 DF	65,000 M	6,900 C	30,000 L	.....	.....
Wyoming.....	748 F	 M	11,483 F	 S	 I	.....	200 A	 S	1,638 AF	 M
Alabama.....	.....	.....	.....	.....	8,780 C	86,950 M	.....	.....	5,711 C	54,310 M
Arkansas.....	.....	.....	.....	.....	6,528 ABC	130,000 M	.....	.....	389 AC	 S
Connecticut...	.....	.....	.....	.....	888 D	8,500 S	.....	.....	.....	.....
Delaware.....	.....	.....	.....	.....	433 A	4,000 S	.....	.....	.....	.....
Florida.....	.....	.....	.....	.....	12,600	93,950 M	150	600 S	20,200 F	74,500 S
Georgia.....	.....	.....	.....	.....	5,000 ABC	40,000 M	25 BC	500 S	3,000 ABC	25,000 M
Illinois.....	.....	.....	.....	.....	2,867 A	 M	.....	.....	NOS	.....
Indiana.....	.....	.....	.....	.....	654 D	9,400 M	.....	.....	NOS	75 M
Iowa.....	.....	.....	.....	.....	2,889 ABCD	10,643 S	.....	.....	.....	.....
Kentucky.....	.....	.....	.....	.....	1,800 AD	52,000 M	.....	.....	.....	1,350 M
Louisiana.....	.....	.....	.....	.....	11,000 C	 M	NOS	 S	215 ABC	 M
Maine.....	NOS	3,000 S	.....	.....	39,393 A	180,000 S	1,400 F	7,000 S	.....	.....
Maryland.....	.....	.....	.....	.....	4,596 A	27,000 M	.....	12 S	575 A	7,500 S
Massachusetts.	.....	.....	.....	.....	4,888 D	25,000 M	2 C	10 M	.....	.....
Michigan.....	NOS	30 S	NOS	900 S	101,440 F	650,000 M	2,500 F	6,000 S	NOS	600 M
Minnesota.....	NOS	2,000 M	NOS	25 S	75,744 DF	350,000 S	600 CD	 S	.....	.....
Mississippi...	.....	.....	.....	.....	6,500 AB	90,000 M	NOS	30 S	1,425 AB	20,000 M
Missouri.....	.....	.....	.....	.....	13,700 AD	250,000 M	1 C	15 M	NOS	 M
New Hampshire.	NOS 3 CH	60+M	NOS 1 CH	25+S	10,798 DH	45,000+L	126 D	700+M	.....	.....
New Jersey....	.....	.....	.....	.....	7,369 D	43,000 M	15 C	10 M	.....	.....
New York.....	.....	.....	.....	.....	66,469 AD	375,000 S	514 AD	3,500 M	NOS	3,000 M
North Carolina.	.....	.....	.....	.....	20,000 E	200,000 M	1,000 E	10,000 S	2,500 E	15,000 S
Ohio.....	.....	.....	.....	.....	4,413 D	 L	.....	.....	NOS	300 M
Pennsylvania..	.....	.....	NOS	75 S	111,925 D	410,000 S	439 D	900 M	13,000 C	40,000 S
Rhode Island..	.....	.....	.....	.....	2 D	1,000 M	.....	.....	.....	.....
South Carolina.	.....	.....	.....	.....	10,000 AC	75,000 M	4 C	50 L	1,200 C	17,000 M
Tennessee.....	.....	.....	.....	.....	2,534 AD	25,000 M	37 AD	250 M	87 AD	8,500 M
Vermont.....	20 S	.....	.....	.....	10,660 D	175,000 M	339 D	3,000 S	.....	.....
Virginia.....	.....	.....	12 A	100+M	26,843 A	200,000 M	272 A	900 S	1,679 A	15,000+L
West Virginia..	.....	.....	.....	.....	18,551 AB	100,000 M	71 AB	500 S	1,499 AB	12,000 M
Wisconsin.....	.....	.....	.....	.....	97,119 A	500,000+M	577 A	2,000+M	.....	.....
Total.....	1,302	6,810 X	65,167	167,625 X	909,299	5,538,843 X	22,579	78,822 X	63,416	453,249 X

Determination of kill:

Methods used by game wardens and technicians -

A - checking stations

B - interviews

C - general field observations

State central office methods -

D - license stubs or card returns

E - ranchers' coupons

F - questionnaire to license holders

NOS - no open season

Population trend from 1957 to 1958:

L - less

M - more

S - same

X - Note that population estimates are not given for some States that reported kill.

PART 2.--Species Reported by Western States Only, 1958

STATE	GRIZZLY BEAR		MULE DEER		BLACK-TAILED DEER		PRONGHORN ANTELOPE		MOUNTAIN CARIBOU	
	Kill	Pop.est.	Kill	Pop.est.	Kill	Pop.est.	Kill	Pop.est.	Kill	Pop.est.
Arizona.....	..	..	28,436 AF	185,000	.....	.....	301 F	8,500	...	...
California....	..	..	28,435 D	520,000 S	33,845 D	580,000 S	.....	1,917 L	...	...
Colorado.....	..	..	84,237 ADF	 L	.....	.....	2,262 ADF	 S	...	...
Idaho.....	NOS	50 S	59,816 DF	315,000 GS	.....	.....	821 AD	8,000+ M	...	100 L
Iowa.....	..	..	2	.....	.....	.....	.....	.....	...	...
Kansas.....	..	..	NOS	900 M	.....	.....	NOS	200 M	...	...
Minnesota.....	NOS	..	10 BC	 S	.....	.....	.....	.....	...	...
Montana.....	36 ADF	..	84,909 ADF	.....	.....	.....	14,002 ADF	.....	...	...
Nebraska.....	..	..	5,526 A	75,000 GS	.....	.....	.....	2,000 L	...	...
Nevada.....	..	..	20,000 D	175,000 M	.....	.....	126 D	3,500 S	...	...
New Mexico....	..	..	38,600 AF	300,000 M	.....	.....	1,800 A	25,000 M	...	...
North Dakota..	..	..	3,800 F	 S	.....	.....	1,770 D	 S	...	...
Oklahoma.....	..	..	34 A	.....	.....	.....	.....	.....	...	...
Oregon.....	..	..	71,293 DF	425,000 S	45,081 DF	250,000 S	314 D	12,000 M	...	...
South Dakota..	..	..	4,630 D	30,000 S	.....	.....	3,000 D	15,000 L	...	...
Texas.....	..	..	2,393 ABC	75,000 S	.....	.....	926 A	11,000 M	...	...
Utah.....	..	..	117,241 ACDF	375,000 S	.....	.....	33 AD	1,500 S	...	...
Washington....	NOS	10 S	18,265 DF	135,000 M	34,660 DF	215,000 M	NOS	225 M	NOS	10 S
Wyoming.....	AC	L	62,456 I	 S	.....	.....	23,910 F	 M	...	...
Total.....	36	60 X	630,083	2,610,900 X	113,586	1,045,000	49,265	88,842 X	...	110

STATE	PECCARY (JAVELINA)		BIGHORN SHEEP		MOUNTAIN GOAT		AMERICAN BISON	
	Kill	Pop.est.	Kill	Pop.est.	Kill	Pop.est.	Kill	Pop.est.
Arizona.....	3,010 F	12,000	18 A	3,400	...	.....	84 A	... L
California....	.....	.....	..	2,000+ S	...	.....	..	...
Colorado.....	.....	.....	51 ADF	 M	.....	..... S	..	...
Idaho.....	.....	.....	37 D	2,500 S	58 D	2,800 S	..	...
Kansas.....	.....	.....	..	.....	.....	.....	NOS	... S
Montana.....	.....	.....	66 A	.....	460 AD	.....	..	...
Nebraska.....	.....	.....	..	.....	.....	.....	..	...
Nevada.....	NOS	50 L	30 D	2,800 S	...	.....	..	...
New Mexico....	NOS	2,000 S	NOS	550 M	...	.....	NOS	...
North Dakota..	.....	.....	..	.....	.....	.....	..	...
Oklahoma.....	.....	.....	..	.....	.....	.....	..	...
Oregon.....	NOS	.....	NOS	60 M	NOS	20 S	..	...
South Dakota..	.....	.....	..	.....	.....	.....	..	...
Texas.....	1,200 BC	110,000 M	..	25 S	.....	.....	14 BC	200 S
Utah.....	.....	.....	NOS	150 S	.....	.....	NOS	50 S
Washington....	.....	.....	NOS	23 M	199 DF	5,000 S	..	...
Wyoming.....	.....	.....	63	 M	...	.....	..	...
Total.....	4,210	124,050	265	11,508 X	717	7,820 X	98	250 X

G - Idaho and Nebraska: Population estimate of white-tailed deer is included with that of mule deer.

H - New Hampshire: Kill of white-tailed deer does not include an estimate of 1,000 not reported. 3 moose and 1 elk killed illegally.

I - Wyoming: Kill of white-tailed deer is included with that of mule deer.

+ - Population estimate -

California: bighorn sheep 2,000 - 2,500

Idaho: pronghorn antelope 8,000 - 10,000

New Hampshire: moose 60 - 70; elk 25 - 30; black bear 700 - 900; European wild boar 25 - 30

Virginia: elk 100 - 200; wild turkey 15,000 - 20,000

Wisconsin: white-tailed deer 500,000 - 750,000; black bear 2,000 - 5,000

PART 3.--Foreign Species, 1958

STATE	EUROPEAN WILD BOAR		BARBARY SHEEP	
	Kill	Pop.est.	Kill	Pop.est.
California.....	100 C	... S	..	...
New Hampshire..	25 BC	25+S	..	...
New Mexico.....	...	...	48 A	500 M
North Carolina..	30 E	300 S	..	...
Tennessee.....	60 AD	500 S	..	...
Texas.....	...	...	..	150 M
Total.....	215	825 X	48	650

PART 4.--Estimates of Numbers on National Parks, National Wildlife Refuges, State Parks and Refuges, and Other Areas, 1958

AREA	MOOSE	ELK	WHITE-TAILED DEER	MULE DEER	BLACK BEAR	GRIZZLY BEAR	PRONGHORN ANTELOPE	BIGHORN SHEEP	MOUNTAIN GOAT	AMERICAN BISON
National Parks										
Acadia.....	 R	.....	1,000 C	.....	.....	...	...	.....	...	.....
Big Bend.....	.....	.....	50+	350+	 R	...	10	.....	...	.....
Bryce Canyon.....	.....	..... R	.....	400+A	 R	...	...	.....	...	.....
Carlsbad Caverns.....	.....	..... R	.....	400 C	 R	...	20	.....	...	.....
Crater Lake.....	.....	..... R	 R	850*	50	...	...	.....	...	.....
Everglades.....	.....	.....	..... C	.....	..... R	...	...	.....	...	.....
Glacier.....	115	1,850	290	665	415	125	...	170	755	.....
Grand Canyon.....	.....	.....	.....	..... A	 R	...	 R	 R	...	.....
Grand Teton.....	400	500	.....	200	 C	 R	...	 U	...	24
Great Smoky Mts.....	.....	.....	75	.....	250	...	...	.....	...	.....
Hot Springs.....	.....	.....	..... R	.....	.....	...	...	.....	...	.....
Isle Royale.....	300	.....	.....	.....	.....	...	...	.....	...	.....
Lassen Volcanic.....	.....	.....	.....	..... A*	 C	...	 R	.....	...	.....
Mammoth Cave.....	.....	.....	..... A	.....	.....	...	...	.....	...	.....
Mesa Verde.....	.....	1 R	.....	900 C	 3 R	...	...	40	...	.....
Mount McKinley.....	 C	.....	.....	.....	..... U	 C	...	1,585	 R	.....
Mount Rainier.....	.....	55	.....	350*	60+C	...	...	.....	...	.....
Olympic.....	.....	4,500	.....	..... C*	 C	...	...	.....	..... U	.....
Rocky Mountain.....	.....	700	.....	900	30	...	...	175	...	.....
Sequoia-K. Canyon.....	.....	.....	.....	17,500	400	...	...	45	...	.....
Shenandoah.....	.....	.....	680	.....	..... C	...	...	.....	...	.....
Wind Cave.....	.....	200	70	250	.....	...	212	.....	.....	364
Yellowstone.....	400 C	7,200 A	 R	700 C	300 C	160	400	120	...	1,000
Yosemite.....	.....	.....	.....	15,000 A	300 A	...	.....	..... R	.....	.....
Zion.....	.....	.....	.....	1,500 C	.....	...	.....	.....	..... R	.....
Total Natl. Pks.	1,215	15,006	2,165	39,965*	1,808	285	642	2,135	755	1,388
National Monu- ments, etc.... (47 reporting)	-	U - R	A - R	A - R	C - R	-	C - R	C - R	-	73
National Wild- life Refuges.. (94 inc. Bison R.)	54	5,511	23,601	22,818*	276	-	3,352	2,199	-	1,306
State Parks & Refuges..... (15 States reporting)	-	30	20,762	1,050	25	-	77	85	325	1,840

Estimate of relative abundance:

- A - abundant
- C - common
- U - uncommon
- R - rare

* Represents mule deer and black-tailed deer.

In addition, the following were reported:

Wild turkey - Carlsbad Caverns N.P., 20; Grand Canyon N.P. north rim, A; Mesa Verde N.P., 35; Bandelier N.M., 100; Capulin Mt. N.M., R; Chiricahua N.M., 5; Walnut Canyon N.M., 75; Coronado N. Mem. 1. Natl. Wildlife Refuges, 1,883. State Parks and Refuges, 7,420.

Mountain caribou - Mount McKinley N.P., C.

Peccary (Javelina) - Big Bend N.P., 350+; Chiricahua N.M., 10; Organ Pipe Cactus N.M., 100; Saguaro N.M., 250; Walnut Canyon N.M., 10 (winter); Coronado N. Mem., 15. Natl. Wildlife Refuges, 521. State Parks and Refuges, 1,510.

Barbary sheep - State Parks and Refuges, Texas, 40; New Mexico, 75.

Alabama: Director, Division of Game, Fish and Seafoods, Department of Conservation, Montgomery 4.

Arizona: Director, Game and Fish Commission, Arizona State Building, Phoenix.

Arkansas: Director, Game and Fish Commission, Little Rock.

California: Director, Department of Fish and Game, 722 Capitol Ave., Sacramento 14.

Colorado: Director, Game and Fish Commission, 1530 Sherman Street, Denver 5.

Connecticut: Director, Board of Fisheries and Game, State Office Building, Hartford 15.

Delaware: Director, Board of Game and Fish Commissioners, Dover.

District of Columbia: Superintendent, Metropolitan Police, Washington.

Florida: Director, Game and Fresh Water Fish Commission, Tallahassee.

Georgia: Director, Game and Fish Commission, 412 State Capitol, Atlanta 3.

Idaho: Director, Department of Fish and Game, Boise.

Illinois: Director, Department of Conservation, Springfield.

Indiana: Director, Division of Fish and Game, Department of Conservation, 311 West Washington Street, Indianapolis 9.

Iowa: Director, State Conservation Commission, East Seventh and Court Streets, Des Moines 29.

Kansas: Director, Forestry, Fish and Game Commission, Pratt.

Kentucky: Commissioner, Department of Fish and Wildlife Resources, Frankfort.

Louisiana: Secretary-Director, State Wildlife and Fisheries Commission, 126 Civil Courts Building, New Orleans 16.

Maine: Commissioner, Department of Inland Fisheries and Game, State House, Augusta.

Maryland: Director, Game and Inland Fish Commission, 514 Munsey Building, Baltimore 2.

Massachusetts: Director, Division of Fisheries and Game, 73 Tremont St., Boston 8.

Michigan: Director, Department of Conservation, Lansing 26.

Minnesota: Commissioner, Department of Conservation, State Office Building, St. Paul 1.

Mississippi: Director, Game and Fish Commission, P. O. Box 451, Jackson.

Missouri: Director, Conservation Commission, Monroe Building, Jefferson City.

Montana: State Fish and Game Warden, Department of Fish and Game, Helena.

Nebraska: Director, Game Forestation and Parks Commission, Lincoln 9.

Nevada: Director, Fish and Game Commission, 51 Grove St., Reno.

New Hampshire: Director, Fish and Game Department, State House Annex, Concord.

New Jersey: Director, Department of Conservation and Economic Development, Division of Fish and Game, 230 W. State St., Trenton 7.

New Mexico: State Game Warden, Department of Game and Fish, Santa Fe.

New York: Commissioner, Conservation Department, Albany 7.

North Carolina: Executive Director, Wildlife Resources Commission, Raleigh.

North Dakota: Commissioner, Game and Fish Department, Capitol Building, Bismarck.

Ohio: Chief, Division of Wild Life, Department of Natural Resources, 1500 Dublin Road, Columbus 15.

Oklahoma: Director, Department of Wildlife Conservation, State Capitol Building, Room 118, Oklahoma City 5.

Oregon: State Game Director, State Game Commission, P. O. Box 4136, Portland 8.

Pennsylvania: Executive Director, Pennsylvania Game Commission, Harrisburg.

Rhode Island: Administrator, Division of Fish and Game Department of Agriculture and Conservation, State House, Providence 2.

South Carolina: Director, Wildlife Resources Commission, Columbia.

South Dakota: Director, Department of Game, Fish and Parks, Pierre.

Tennessee: Director, Tennessee Game and Fish Commission, Cordell Hull Bldg., Sixth Ave., N., Nashville 3.

Texas: Executive Secretary, Game and Fish Commission, Austin.

Utah: Director, Fish and Game Commission, 1596 West North Temple, Salt Lake City 16.

Vermont: Director, Fish and Game Service, Montpelier.

Virginia: Executive Director, Commission of Game and Inland Fisheries, P. O. Box 1642, Richmond 13.

Washington: Director, Department of Game, 509 Fairview Ave., North, Seattle 9.

West Virginia: Director, Conservation Commission of West Virginia, Charleston.

Wisconsin: Director, Conservation Department, State Office Building, Madison 2.

Wyoming: State Game and Fish Commissioner, Wyoming Game and Fish Commission, Cheyenne.



UNITED STATES
DEPARTMENT OF THE INTERIOR
FISH AND WILDLIFE SERVICE
BUREAU OF SPORT FISHERIES AND WILDLIFE
WASHINGTON 25, D. C.

ADDRESS ONLY THE DIRECTOR,
BUREAU OF SPORT FISHERIES
AND WILDLIFE

In response to your inquiry, informational leaflets
about the nutria are enclosed.

Some States have adopted regulations with regard to
the nutria, and we suggest that you get in touch with your
State office. Addresses of State conservation or wildlife
agencies are shown on the back of this sheet.

Sincerely yours,

Stanley P. Young
Acting Chief, Section of
Wild Fur Animal Investigations
Branch of Wildlife Research

Enclosure