Column name definitions

response_rate worksheet

residency	Montana Resident or Nonresident ("SUM"= both residents and non-residents)
LPT	License or Permit Type (Code from the Regulations Booklet; "SUM"= all LPT's issued to a particular residency)
number_issued	How many were issued?
number_sampled	How many were sampled for the telephone survey?
responses	How many responded to the telephone survey?
response_rate	Number of responses divided by the number sampled

hunter_success worksheet

district	Statewide estimate only
Res	Montana Resident or Nonresident ("SUM"= both residents and non-residents)
pct_success	Of all license holders that hunted, the percent that harvested at least one elk
pct_succ_LCI80	Lower 80% Confidence Interval endpoint for the percent success
pct_succ_UCI80	Upper 80% Confidence Interval endpoint for the percent success

hunting_&_harvest worksheet

district	Deer and Elk hunting district, FWP Administrative Region, or Statewide estimates ("X" denotes unknown district or region)
Res	Montana Resident or Nonresident ("SUM"= both residents and non-residents)
LPT	License or Permit Type (Code from the Regulations Booklet; ("SUM"= all LPT's issued to a particular residency)
number_issued	How many were issued?
hunters	Estimate of how many people of this residency hunted in this area (estimates not made for each LPT because several LPT's can be valid and used simultaneously in one area).
hunters_LCI80	Lower confidence interval endpoint for the number of hunters estimate
hunters_UCI80	Upper confidence interval endpoint for the number of hunters estimate
days	Estimate of the number of days spent hunting in a particular area by hunters of a particular residency
days_LCI80	Lower confidence interval endpoint for the number of days spent hunting estimate
days_UCI80	Upper confidence interval endpoint for the number of days spent hunting estimate
days:hunter	Estimate of the number of days spent hunting per hunter in a particular area for a particular residency
days:hunter_LCI80	Lower confidence interval endpoint for the days per hunter ratio estimate
days:hunter_UCI80	Upper confidence interval endpoint for the days per hunter ratio estimate
total_harvest	Estimate for the number of elk harvested with a particular LPT by a particular residency in a particular area

total_LCI80	Lower confidence interval endpoint for the total harvest estimate
total_UCI80	Upper confidence interval endpoint for the total harvest estimate
management_success	Total harvest estimate divided by the number issued- a measure of success for use by a wildlife manager
calves	Estimate of the number of calf elk harvested with a particular LPT by a particular residency in a particular area
cows	Estimate of the number of cow elk harvested with a particular LPT by a particular residency in a particular area
bulls	Estimate of the number of bull elk harvested with a particular LPT by a particular residency in a particular area
%_antlerless	Estimate of the percent of the total harvest that consisted of antlerless elk (cows and calves)
%_antlered	Estimate of the percent of the total harvest that consisted of antlerled elk (bulls)

method_antlerclass_time_harvest worksheet

district	Deer and Elk hunting district, FWP Administrative Region, or Statewide estimates ("X" denotes unknown district or region)
Res	Montana Resident or Nonresident ("SUM"= both residents and non-residents)
LPT	License or Permit Type (Code from the Regulations Booklet; ("SUM"= all LPT's issued to a particular residency)
number_issued	How many were issued?
bow	Estimate of the number of elk harvested with a bow with a particular LPT by a particular residency in a particular area
rifle	Estimate of the number of elk harvested with a rifle with a particular LPT by a particular residency in a particular area
spike_bull	Estimate of the number of yearling (spike) bull elk harvested with a particular LPT by a particular residency in a particular area
max_antl_pt_<6	Estimate of the number of bull elk with a maximum of less than 6 antler points on either side harvested with a particular LPT by a particular residency in a particular area
max_antl_pt_>=6	Estimate of the number of bull elk with a maximum equal to or greater than 6 antler points on either side harvested with a particular LPT by a particular residency in a particular area
unk_ant_class_bull	Estimate of the number of elk of unknown antler class harvested with a particular LPT by a particular residency in a particular area
<Oct21	Estimate of the number of elk harvested before October 21nd (i.e. during the archery season) with a particular LPT by a particular residency in a particular area
Oct21-Nov25	Estimate of the number of elk harvested between October 21nd- November 25th (i.e. during the rifle season) with a particular LPT by a particular residency in a particular area
>Nov25	Estimate of the number of elk harvested after November 25 (i.e. during the extended season) with a particular LPT by a particular residency in a particular area

Response rate

residency	LPT	number_issued	number_sampled	responses	response_rate
N	100-00/General	2	2	2	1
N	103-00/General	1	1	0	0
N	104-00/General	4	4	3	0.75
N	121-00/General	28	28	12	0.43
N	122-00/General	1	1	1	1
N	123-00/General	8	8	5	0.62
N	124-00/General	1	1	0	0
N	200-00/General	3	3	2	0.67
N	200-01/General	2	2	1	0.5
N	201-00/General	12	12	8	0.67
N	201-01/General	2	2	0	0
N	202-01/General	5	5	5	1
N	202-02/General	3	3	3	1
N	203-00/General	4	4	0	0
N	203-01/General	1	1	1	1
N	210-00/General	9	9	2	0.22
N	211-00/General	4	4	2	0.5
N	212-00/General	5	5	2	0.4
N	212-01/General	8	8	4	0.5
N	213-00/General	4	4	3	0.75
N	214-00/General	2	2	0	0
N	215-00/General	7	7	4	0.57
N	215-01/General	10	10	5	0.5
N	216-00/General	4	4	3	0.75
N	216-01/General	8	8	6	0.75
N	281-00/General	15	15	9	0.6
N	283-00/General	12	12	5	0.42
N	283-01/General	2	2	0	0
N	283-80	1	1	0	0
N	285-20/General	2	2	2	1

N	285-21/General	11	11	5	0.45
N	291-00/General	11	11	7	0.64
N	292-00/General	8	8	5	0.62
N	292-80	6	6	3	0.5
N	293-00/General	12	12	7	0.58
N	302-10/General	74	71	44	0.62
N	313-15/General	1	1	0	0
N	318-00/General	3	3	0	0
N	321-00/General	30	30	15	0.5
N	323-10/General	10	10	8	0.8
N	332-20/General	25	25	14	0.56
N	335-00/General	1	1	0	0
N	339-00/General	10	10	5	0.5
N	339-20/General	1	1	1	1
N	340-10/General	10	10	5	0.5
N	343-00/General	13	13	8	0.62
N	361-10/General	3	3	1	0.33
N	370-10/General	22	22	13	0.59
N	380-00/General	7	7	6	0.86
N	380-01/General	3	3	2	0.67
N	380-02/General	4	4	1	0.25
N	380-20/General	5	5	3	0.6
N	391-00/General	5	5	2	0.4
N	392-00/General	3	3	0	0
N	392-01/General	7	7	4	0.57
N	398-80	12	12	7	0.58
N	401-00/General	6	6	2	0.33
N	401-20/General	1	1	0	0
N	410-00/General	9	9	7	0.78
N	410-20/General	6	6	2	0.33
N	410-21/General	515	276	143	0.52
N	410-80	21	21	10	0.48
N	411-20/General	19	19	11	0.58

N	411-80	14	14	10	0.71
N	412-00/General	11	11	6	0.55
N	412-20/General	6	6	4	0.67
N	413-00/General	5	5	3	0.6
N	417-00/General	28	28	18	0.64
N	417-20/General	8	8	2	0.25
N	417-21/General	52	46	33	0.72
N	418-00/General	12	12	9	0.75
N	420-20/General	7	7	5	0.71
N	432-00/General	7	7	4	0.57
N	441-00/General	7	6	3	0.5
N	441-20/General	1	1	1	1
N	445-20/General	4	4	3	0.75
N	447-00/General	15	15	9	0.6
N	447-20/General	3	3	0	0
N	448-00/General	7	7	4	0.57
N	450-00/General	3	3	3	1
N	454-00/General	10	10	6	0.6
N	455-00/General	2	2	1	0.5
N	455-20/General	5	5	3	0.6
N	498-80	152	129	66	0.51
N	520-00/General	1	1	0	0
N	520-20/General	8	8	7	0.88
N	540-00/General	14	14	10	0.71
N	580-22/General	2	2	2	1
N	580-80	14	14	10	0.71
N	590-20/General	15	15	9	0.6
N	590-21/General	1	1	1	1
N	620-00/General	11	11	7	0.64
N	620-20/General	2	2	1	0.5
N	620-21/General	551	296	159	0.54
N	621-01/General	2	2	2	1
N	621-02/General	10	10	7	0.7

N	622-00/General	50	44	23	0.52
N	622-20/General	4	4	1	0.25
N	631-00/General	5	5	2	0.4
N	631-01/General	1	1	0	0
N	631-20/General	1	1	1	1
N	631-21/General	20	20	12	0.6
N	632-00/General	1	1	1	1
N	632-20/General	1	1	1	1
N	632-21/General	9	9	6	0.67
N	690-21/General	2	2	1	0.5
N	690-80	2	2	2	1
N	700-00/General	50	45	27	0.6
N	700-20/General	273	204	103	0.5
N	798-20/General	20	20	13	0.65
N	799-00/General	13	13	8	0.62
N	799-20/General	8	8	4	0.5
N	General_Only	15890	8903	4708	0.53
N	A9B12_Lic	222	199	108	0.54
N	Permit	2272	1688	936	0.55
N	SUM	18384	10790	5752	0.53
R	004-80	2016	1082	404	0.37
R	100-00/General	98	73	33	0.45
R	101-00/General	20	20	7	0.35
R	101-01/General	15	15	6	0.4
R	103-00/General	99	77	43	0.56
R	104-00/General	96	77	39	0.51
R	109-00/General	35	28	13	0.46
R	110-00/General	25	25	10	0.4
R	120-00/General	25	25	9	0.36
R	121-00/General	772	425	218	0.51
R	121-02/General	8	8	2	0.25
R	122-00/General	99	79	42	0.53
R	123-00/General	142	114	55	0.48

R	124-00/General	49	44	25	0.57
R	130-00/General	5	5	3	0.6
R	132-00/General	5	5	4	0.8
R	140-00/General	5	5	3	0.6
R	141-00/General	25	25	13	0.52
R	200-00/General	97	82	36	0.44
R	200-01/General	73	66	27	0.41
R	201-00/General	413	262	108	0.41
R	201-01/General	23	23	9	0.39
R	202-00/General	5	5	3	0.6
R	202-01/General	95	72	28	0.39
R	202-02/General	27	27	13	0.48
R	203-00/General	246	182	89	0.49
R	203-01/General	9	9	5	0.56
R	204-70	5	5	0	0
R	210-00/General	341	225	91	0.4
R	211-00/General	46	41	17	0.41
R	212-00/General	195	153	73	0.48
R	212-01/General	142	118	49	0.42
R	213-00/General	196	150	61	0.41
R	213-80	111	95	42	0.44
R	214-00/General	98	75	34	0.45
R	215-00/General	193	144	60	0.42
R	215-01/General	115	100	42	0.42
R	216-00/General	46	44	19	0.43
R	216-01/General	192	140	55	0.39
R	240-70	5	5	1	0.2
R	250-70	5	5	2	0.4
R	260-00/General	5	5	3	0.6
R	261-70	18	18	7	0.39
R	270-70	64	61	24	0.39
R	270-71	94	91	44	0.48
R	281-00/General	385	226	92	0.41

R	282-20/General	1	1	0	0
R	282-70	75	69	33	0.48
R	283-00/General	288	213	87	0.41
R	283-01/General	146	128	61	0.48
R	283-02/General	75	66	25	0.38
R	283-20/General	5	5	2	0.4
R	283-80	24	24	9	0.38
R	283-81	34	34	16	0.47
R	285-20/General	98	79	36	0.46
R	285-21/General	289	212	91	0.43
R	291-00/General	189	136	52	0.38
R	292-00/General	292	215	90	0.42
R	292-80	244	166	58	0.35
R	293-00/General	188	143	59	0.41
R	302-10/General	326	208	79	0.38
R	310-20/General	4	4	1	0.25
R	313-15/General	14	14	10	0.71
R	318-00/General	97	81	40	0.49
R	321-00/General	270	196	81	0.41
R	323-10/General	90	83	32	0.39
R	332-20/General	225	181	84	0.46
R	335-00/General	199	139	64	0.46
R	339-00/General	390	241	92	0.38
R	339-20/General	40	34	15	0.44
R	340-10/General	240	167	86	0.51
R	343-00/General	337	222	102	0.46
R	361-10/General	47	43	19	0.44
R	370-10/General	328	218	109	0.5
R	380-00/General	393	237	112	0.47
R	380-01/General	122	102	40	0.39
R	380-02/General	146	124	56	0.45
R	380-20/General	105	91	47	0.52
R	391-00/General	245	170	84	0.49

R	392-00/General	97	74	37	0.5
R	392-01/General	293	216	87	0.4
R	398-80	188	153	53	0.35
R	401-00/General	194	142	64	0.45
R	401-20/General	29	29	10	0.34
R	410-00/General	391	249	100	0.4
R	410-20/General	69	65	30	0.46
R	410-21/General	1394	815	318	0.39
R	410-80	379	230	101	0.44
R	411-20/General	181	135	48	0.36
R	411-21/General	5	5	2	0.4
R	411-80	286	203	88	0.43
R	412-00/General	139	119	41	0.34
R	412-20/General	54	45	19	0.42
R	413-00/General	45	44	25	0.57
R	417-00/General	322	208	99	0.48
R	417-20/General	117	99	50	0.51
R	417-21/General	189	149	52	0.35
R	418-00/General	138	115	38	0.33
R	420-20/General	73	66	24	0.36
R	425-00/General	30	30	15	0.5
R	425-01/General	35	29	16	0.55
R	425-02/General	40	33	15	0.45
R	425-20/General	2	2	2	1
R	426-00/General	30	30	13	0.43
R	426-20/General	10	10	7	0.7
R	432-00/General	93	89	45	0.51
R	441-00/General	243	190	80	0.42
R	441-20/General	29	29	15	0.52
R	445-20/General	47	40	20	0.5
R	447-00/General	285	189	74	0.39
R	447-20/General	72	66	25	0.38
R	448-00/General	93	89	40	0.45

R	450-00/General	27	27	6	0.22
R	450-20/General	5	5	3	0.6
R	454-00/General	90	84	29	0.35
R	455-00/General	48	45	19	0.42
R	455-20/General	70	66	30	0.45
R	500-20/General	10	10	1	0.1
R	502-20/General	5	5	1	0.2
R	520-00/General	74	72	31	0.43
R	520-20/General	162	141	58	0.41
R	520-40/General	25	25	9	0.36
R	540-00/General	161	136	50	0.37
R	570-20/General	25	25	15	0.6
R	575-20/General	10	10	1	0.1
R	580-21/General	15	15	8	0.53
R	580-22/General	23	23	9	0.39
R	580-80	136	117	44	0.38
R	590-20/General	135	106	47	0.44
R	590-21/General	79	74	31	0.42
R	620-00/General	139	116	50	0.43
R	620-20/General	58	53	24	0.45
R	620-21/General	1166	620	214	0.35
R	621-00/General	100	84	34	0.4
R	621-01/General	298	228	110	0.48
R	621-02/General	240	156	75	0.48
R	621-20/General	50	41	18	0.44
R	622-00/General	450	237	113	0.48
R	622-20/General	56	49	15	0.31
R	631-00/General	115	90	40	0.44
R	631-01/General	24	24	11	0.46
R	631-20/General	29	29	10	0.34
R	631-21/General	180	134	43	0.32
R	632-00/General	29	29	16	0.55
R	632-20/General	9	9	3	0.33

R	632-21/General	91	80	34	0.42
R	680-80	5	5	5	1
R	690-00/General	25	25	12	0.48
R	690-20/General	30	30	13	0.43
R	690-21/General	23	23	8	0.35
R	690-80	148	128	57	0.45
R	700-00/General	450	244	101	0.41
R	700-20/General	761	424	172	0.41
R	798-20/General	180	132	56	0.42
R	799-00/General	137	113	57	0.5
R	799-20/General	142	127	63	0.5
R	General_Only	109169	61463	22764	0.37
R	A7_Lic	266	254	111	0.44
R	A9B12_Lic	3571	2238	877	0.39
R	Permit	20139	14319	6146	0.43
R	SUM	133145	78274	29898	0.38
SUM	SUM	151529	89064	35650	0.4

Hunter Success

district	Res	pct_success	pct_succ_LCI80	pct_succ_UCI80
State	N	25.9	25.23	26.57
State	R	25.06	24.72	25.4
State	SUM	25.18	24.88	25.49