

LCLUC Later Stage Analyses

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This relies on the combined dfs from 1_data_import. There is not currently any commentary in this document because I'm still running through analyses and chunking them in here as I go.

I. LABOR

1. Who does the daily moves for herding?

Column: (labor_whoMovesDaily) (broken up by soum)

labor_whoMovesDaily	Buren	Bayan	Bayantal	Delgerkhaan	Sumber	Deren	Erdenedalai	Bayantsagaan	Total
husband	23	21	19	19	18	15	15	13	143
child, unspecified	5	11	10	1	15	5	6	2	55
wife	13	12	9	10	12	9	10	8	83
son	8	7	1	5	2	7	11	5	46
unspecified	5	0	2	4	4	8	8	9	40
daughter	2	5	1	1	0	2	3	1	15
herder	0	4	0	0	0	0	0	0	4
grandchild, unspecified	2	0	0	0	0	4	0	2	8
neighbor	1	0	0	0	2	4	1	0	8
daughter-in-law	3	0	1	0	1	2	1	3	11
grandparent	0	2	0	1	0	0	0	0	3
assistant herder	1	1	0	0	0	0	0	2	4
friend	0	0	1	0	0	0	0	0	1
sibling, unspecified	0	0	1	0	0	0	0	0	1
grandmother	0	0	0	0	0	0	0	1	1
grandfather	1	0	0	0	0	0	0	0	1
brother	0	0	0	1	0	1	1	0	3
hired help	0	0	0	1	0	0	0	0	1
son-in-law	0	0	0	0	0	1	0	0	1
brother-in-law	0	0	0	0	1	0	1	0	2
father-in-law	0	0	0	0	0	0	1	0	1

2. Who undertakes herding migrations?

Column: labor_whoMigrates

labor_whoMigrates	Bayan	Bayantal	Bayantsagaan	Buren	Delgerkhaan	Deren	Erdenedalai	Sumber	Total
husband	18	18	8	19	17	17	18	19	134
wife	17	14	8	19	13	14	15	18	118

labor_whoMigrates	Bayan	Bayantal	BayantsagaanBuren	DelgerkhaanDeren	Erdenedalai	Sumber	Total		
son(s)	8	4	7	8	3	7	7	1	45
daughter(s)	2	1	1	1	0	2	2	1	10
child(ren), unspecified	5	2	1	5	3	5	3	8	32
brother(s)	0	1	0	0	1	0	1	0	3
sibling(s), unspecified	2	3	0	0	1	1	1	0	8
father	1	0	0	0	0	0	0	0	1
mother	3	0	1	0	0	1	0	0	5
grandparent(s), unspecified	1	0	1	1	1	0	0	0	4
grandchild(ren), unspecified	0	0	1	1	0	2	0	0	4
household head	2	0	0	0	0	0	1	1	4
extended family/in-laws	1	0	2	7	1	3	4	4	22
friend/neighbor(s)	2	2	1	0	1	1	1	0	8
person(s), unspecified	1	1	8	5	4	1	4	0	24
hired help	1	0	0	0	1	1	0	0	3
just myself	0	0	0	0	0	0	1	1	2
other	1	1	0	0	0	1	2	0	5

3. How many people undertake migrations?

Column: labor_numMigrates

labor_num	Migrates	Bayantsagaan	Buren	Delgerkhaan	Sumber	Bayan	Deren	Erdenedalai	Bayantal	Total	
2		12	10		10	10	4	9	8	7	70
4		1	2		6	1	9	4	3	2	28
3		3	8		2	3	4	4	7	2	33
6		2	1		0	0	3	1	2	4	13
5		1	3		2	4	2	3	1	1	17
1		3	1		1	0	0	2	2	1	10
8		0	1		0	1	0	0	0	2	4
7		0	0		0	2	0	1	2	0	5
0		0	0		0	1	0	0	0	1	2
11		1	0		0	0	0	0	0	0	1
9		0	1		0	0	0	0	1	0	2
10		0	0		1	0	0	0	1	0	2

4. Does migration impact labor and/or herding practices?

A. Impact on labor: Column: labor_migImpactLabor

labor_migImpactLabor	Buren	Deren	Erdenedalai	Bayan	Sumber	Bayantal	Bayantsagaan	Delgerkhaan	Total
Yes	15	8	14	8	11	10	10	6	82
No	7	15	12	13	9	9	9	10	84
NA	5	1	1	1	2	1	4	6	21

B. Impact on herding practices: Column: labor_migImpactPract

labor_migImpactPraD	Deren	Buren	Erdenedalai	Bayan	Sumber	Bayantsagaan	Bayantal	Delgerkhaan	Total
No	16	8	14	13	13	11	9	10	94
Yes	7	14	12	8	7	8	10	6	72
NA	1	5	1	1	2	4	1	6	21

5. Do you hire labor?

Column: labor_hire

labor_hire	Buren	Erdenedalai	Deren	Sumber	Bayantal	Bayantsagaan	Bayan	Delgerkhaan	Total
No	22	22	20	20	18	17	16	14	149
Yes	5	5	3	2	2	6	6	8	37
NA	0	0	1	0	0	0	0	0	1

6. If you do hire labor, for what?

A. Moving the herds daily: Column: labor_hire_DailyMove

labor_hire_dailyMove	Buren	Erdenedalai	Deren	Sumber	Bayantal	Bayantsagaan	Bayan	Delgerkhaan	Total
NA	22	22	21	20	18	18	16	14	151
Yes	3	4	2	0	0	3	5	7	24
No	2	1	1	2	2	2	1	1	12

B. Moving the herds seasonally: Column: labor_hire_bigMove

labor_hire_bigMove	Buren	Erdenedalai	Deren	Sumber	Bayantal	Bayantsagaan	Bayan	Delgerkhaan	Total
NA	22	22	21	20	18	18	16	14	151
Yes	2	5	3	1	2	5	5	7	30
No	3	0	0	1	0	0	1	1	6

C. Moving the herds for Otor: Column: labor_hire_forOtor

labor_hire_forOtor	Buren	Erdenedalai	Deren	Sumber	Bayantal	Bayantsagaan	Bayan	Delgerkhaan	Total
NA	22	22	21	20	18	18	16	14	151
No	3	2	1	1	1	2	5	3	18
Yes	2	3	2	1	1	3	1	5	18

D. Hiring for other tasks: Column: labor_hire_Other

labor_hire_Other	Buren	Erdenedalai	Sumber	Bayantsagaan	Delgerkhaan	Deren	Bayantal	Bayan	Total
NA	22	20	18	17	15	15	14	11	132
shearing livestock	3	5	2	5	3	6	5	7	36
day laboring	1	0	0	0	1	3	0	2	7
herding	0	0	0	2	1	0	1	1	5

labor_hire_Other	Buren	Erdenedalai	Sumber	Bayantsagaan	Delgerkhaan	Deren	Bayantal	Bayan	Total
household	1	0	0	0	2	0	0	0	3
chores									
migration	1	2	0	1	1	0	0	0	5
livestock care	0	1	2	0	0	1	0	1	5

II. TENURE

1. Land tenure arrangements:

A. Cross-tab: Not the best looking, I'll work on making it more legible. Is easier to look at if it's viewed in the markdown or in the script.

##							sprPasContract	No	Yes
##	wintCamp	wintContract	wintPas	wintPasContract	sameCamp	sprCamp	sprCampContract		
##	No	No	No	No	No	No	No	5	0
##							Yes	0	0
##						Yes	No	0	0
##							Yes	0	0
##			Yes	No	No	No	No	1	0
##							Yes	0	0
##						Yes	No	0	0
##							Yes	0	0
##			Yes	No	No	No	No	8	0
##							Yes	0	0
##						Yes	No	4	1
##							Yes	0	0
##			Yes	No	No	No	No	0	0
##							Yes	0	0
##						Yes	No	0	0
##							Yes	0	0
##		Yes	No	No	No	No	No	0	0
##							Yes	0	0
##						Yes	No	0	0
##							Yes	0	0
##			Yes	No	No	No	No	0	0
##							Yes	0	0
##						Yes	No	0	0
##							Yes	0	0
##			Yes	No	No	No	No	0	0
##							Yes	0	0
##						Yes	No	0	0
##							Yes	0	0
##			Yes	No	No	No	No	0	0
##							Yes	0	0
##						Yes	No	0	0
##	Yes	No	No	No	No	No	No	0	0
##							Yes	0	0
##						Yes	No	0	0
##							Yes	0	0

##			Yes	No	No	No	0	0
##						Yes	0	0
##					Yes	No	0	0
##						Yes	0	0
##		Yes	No	No	No	No	0	0
##						Yes	0	0
##					Yes	No	6	1
##						Yes	1	0
##			Yes	No	No	No	1	0
##						Yes	0	0
##					Yes	No	0	0
##						Yes	0	0
##	Yes	No	No	No	No	No	1	0
##						Yes	0	0
##					Yes	No	1	0
##						Yes	1	0
##			Yes	No	No	No	0	0
##						Yes	0	0
##					Yes	No	0	0
##						Yes	0	0
##		Yes	No	No	No	No	7	0
##						Yes	0	0
##					Yes	No	8	2
##						Yes	45	2
##			Yes	No	No	No	1	0
##						Yes	1	0
##					Yes	No	1	0
##						Yes	2	3

B. Contingency table: This one looks better and is depicting the same information.

wintCamp	wintContract	wintPas	wintPasContract	sameCampsprCamp	sprCampContract	sprPasContract	n
Yes	Yes	Yes	No	Yes	No	No	50
Yes	Yes	Yes	No	No	Yes	Yes	45
No	No	Yes	No	Yes	No	No	10
Yes	No	Yes	No	Yes	No	No	10
Yes	Yes	Yes	No	No	Yes	No	9
No	No	Yes	No	No	No	No	8
Yes	Yes	Yes	No	No	No	No	7
Yes	No	Yes	No	No	Yes	No	6
No	No	No	No	No	No	No	5
No	No	Yes	No	No	Yes	No	4
No	Yes	Yes	No	No	Yes	Yes	3
Yes	Yes	No	No	Yes	No	No	3
Yes	Yes	Yes	Yes	No	Yes	Yes	3
No	No	No	Yes	No	No	No	2
Yes	No	Yes	Yes	Yes	No	No	2
Yes	Yes	Yes	No	No	Yes	No	2
Yes	Yes	Yes	No	No	Yes	Yes	2
Yes	Yes	Yes	Yes	No	Yes	Yes	2
No	No	No	No	Yes	No	No	1
No	No	Yes	No	No	Yes	No	1
No	No	Yes	No	No	Yes	Yes	1

wintCamp	wintContract	wintPas	wintPasContract	sameCamps	sprCamp	sprCampContract	sprPasContract	n
Yes	No	No	No	Yes	No	No	No	1
Yes	No	Yes	No	No	Yes	No	Yes	1
Yes	No	Yes	No	No	Yes	Yes	No	1
Yes	No	Yes	Yes	No	No	No	No	1
Yes	Yes	No	No	No	No	No	No	1
Yes	Yes	No	No	No	Yes	No	No	1
Yes	Yes	No	No	No	Yes	Yes	No	1
Yes	Yes	Yes	Yes	No	No	No	No	1
Yes	Yes	Yes	Yes	No	No	Yes	No	1
Yes	Yes	Yes	Yes	No	Yes	No	No	1
Yes	Yes	Yes	Yes	Yes	No	No	No	1

2. Contingency Tables on tenure, by Soum:

A. Winter Camp (y/n):

	No	Yes
Bayan	1	21
Bayantal	5	15
Bayantsagaan	1	22
Buren	6	21
Delgerkhaan	3	19
Deren	5	19
Erdenedalai	8	19
Sumber	6	16

B. Winter Camp Contract (y/n):

	No	Yes
Bayan	3	19
Bayantal	9	11
Bayantsagaan	1	22
Buren	8	19
Delgerkhaan	7	15
Deren	9	15
Erdenedalai	9	18
Sumber	8	14

C. Winter Pasture (y/n):

	No	Yes
Bayan	2	20
Bayantal	1	19
Bayantsagaan	0	23
Buren	4	23
Delgerkhaan	2	20
Deren	2	22
Erdenedalai	2	25

	No	Yes
Sumber	2	20

D. Winter Paster Contract (y/n):

	No	Yes
Bayan	21	1
Bayantal	19	1
Bayantsagaan	23	0
Buren	24	3
Delgerkhaan	19	3
Deren	22	2
Erdenedalai	25	2
Sumber	20	2

E. Is your winter camp your spring camp (y/n)?

	No	Yes
Bayan	14	8
Bayantal	12	8
Bayantsagaan	16	7
Buren	22	5
Delgerkhaan	13	9
Deren	13	11
Erdenedalai	10	17
Sumber	9	13

F. Spring Camp? (y/n):

	No	Yes
Bayan	8	14
Bayantal	10	10
Bayantsagaan	9	14
Buren	12	15
Delgerkhaan	15	7
Deren	12	12
Erdenedalai	22	5
Sumber	16	6

G. Spring Camp Contract (y/n):

	No	Yes
Bayan	9	13
Bayantal	14	6
Bayantsagaan	11	12
Buren	20	7
Delgerkhaan	16	6

	No	Yes
Deren	17	7
Erdenedalai	23	4
Sumber	18	4

H. Spring Pasture Contract (y/n):

	No	Yes
Bayan	21	1
Bayantal	18	2
Bayantsagaan	22	1
Buren	24	3
Delgerkhaan	22	0
Deren	23	1
Erdenedalai	26	1
Sumber	22	0

III. ALTERNATIVE LIVELIHOODS

1. Is someone in the household doing non-herding work?

Column: altLife_nonHerdWork

##		No	Yes
##	Bayan	13	9
##	Bayantal	13	7
##	Bayantsagaan	16	7
##	Buren	21	6
##	Delgerkhaan	17	5
##	Deren	16	8
##	Erdenedalai	14	13
##	Sumber	15	6

A. If so, who is doing the non-herding work? Column: labor_hire

altLife_whoNoHerdwork	Erdenedalai	Deren	Bayan	Bayantal	Bayantsagaan	Buren	Delgerkhaan	Sumber	Total
not specified	8	7	5	5	5	3	2	1	36
daughter	0	0	1	1	1	3	1	1	8
wife	1	2	1	1	0	0	2	1	8
household head	1	0	1	0	1	0	0	0	3
son	1	0	1	1	1	0	0	1	5
father	1	0	0	0	0	0	0	0	1
husband	1	0	0	0	0	0	0	1	2
extended family members	0	0	0	0	0	0	0	1	1

B. Is so, what is the non-herding work? Column: labor_hire

altLife_noHerdWhatWork	Buren	Deren	Erdenedalai	Bayantal	Bayantsagaan	Sumber	Bayan	Delgerkhaan	Total
employment unspecified	5	1	2	0	1	0	0	0	9
commerce-related and restaurants	1	4	4	3	2	0	2	0	16
mining and construction	0	0	0	2	3	2	2	0	9
education	0	0	1	1	0	3	1	2	8
government employment	1	2	1	1	2	1	2	2	12
agriculture and pastoralist-adjacent	0	1	2	0	1	1	0	0	5
government leadership	0	0	2	0	0	0	0	0	2
arts, crafts, and handwork	0	0	1	1	0	0	1	1	4
medical/veterinary	0	1	0	1	0	0	1	0	3
miscellaneous	0	0	1	0	1	1	0	0	3

2. Additional sources of income for the household? Broken up by Soum

Column: altLife_otherInc

altLife_otherInc	Erdenedalai	Deren	Bayan	Buren	Delgerkhaan	Bayantal	Bayantsagaan	Sumber	Total
government allowances	14	11	12	12	12	11	10	9	91
pension	13	13	8	9	7	4	10	10	74
salary	8	7	11	6	5	7	7	4	55
other	3	1	1	4	0	2	1	1	13
saving in bank	3	2	2	3	1	0	0	1	12
crafts	3	1	0	1	1	1	0	0	7
remits	0	1	0	2	1	2	0	1	7
pension saving in bank	0	0	0	0	0	0	1	0	1
hourly wage	1	0	0	0	0	0	0	1	2
herding lsk from other household	0	0	0	0	0	0	0	1	1

3. Loans:

A. Number of loans taken out per year? Column: altLife_loansPerYr

	0	0.5	1	2	3
Bayan	4	1	16	0	0
Bayantal	6	0	11	1	0
Bayantsagaan	2	0	17	4	0
Buren	3	1	19	3	1
Delgerkhaan	1	0	17	4	0
Deren	2	0	12	8	1
Erdenedalai	1	1	20	4	0
Sumber	4	0	16	2	0

B. Loan Sizes (min, max, mean, median, range) Column: altLife_loansMin/altLife_loansMax

Soum	min_minL	max_minL	mean_minL	median_minL	min_maxL	max_maxL	mean_maxL	median_maxL	n
Bayan	3.0	30	9.882353	10.0	3.0	30	15.294118	14.0	
Bayantal	2.0	25	10.000000	9.0	10.0	30	19.250000	20.0	
Bayantsagaan	0.3	10	4.752381	5.0	1.0	30	10.466667	6.0	
Buren	1.0	20	5.104167	4.0	3.0	20	9.187500	8.5	
Delgerkhaan	1.0	40	8.619048	5.0	2.0	50	12.047619	7.0	
Deren	0.3	50	6.823810	5.0	0.5	50	10.119048	5.0	
Erdenedalai	0.5	20	4.286000	3.0	2.0	50	8.240000	5.0	
Sumber	1.0	30	6.222222	3.5	1.0	30	8.472222	6.5	

C. When do you typically need loans? Column: altLife_loansWhenNeed

altLife_loansWhenNeed	Buren	Delgerkhaan	Bayan	Bayantsagaan	Deren	Bayantal	Sumber	Erdenedalai	Total
winter	18	16	14	14	14	13	13	10	112
spring	9	4	4	3	2	3	0	6	31
autumn	7	8	6	4	8	7	8	8	56
lunar new year	6	3	5	5	6	2	5	2	34
summer	0	2	1	0	2	1	1	3	10
year round	0	0	0	0	1	1	1	2	5
depends on needs	0	0	0	1	0	1	0	1	3
never	1	1	0	1	1	1	0	0	5
during medical treatment	0	1	0	0	0	0	0	0	1
during migration	0	0	0	0	0	0	0	1	1

IV. HERD MANAGEMENT

1. Distance for daily herding, generally:

Column: altLife_nonHerdWork ##### A. All together:

herdMgmt_dailyDist	n
5	33
4	21
6	15
10	14
3	13
20	9
2	7
8	4
15	4
7	3
12	3
1	2
35	2
0	1
11	1
13	1

B. Broken up by Soum:

herdMgmt_dailyDist	Erdenedalai	Bayantsagaan	Bayan	Buren	Deren	Delgerkhaan	Sumber	Bayantal
5	8	7	5	5	2	3	1	2
3	3	4	0	0	4	1	1	0
6	2	0	2	2	4	3	1	1
4	4	3	2	2	3	3	3	1
10	3	1	3	3	2	1	0	1
2	2	0	0	1	1	0	3	0
20	1	0	0	2	2	2	1	1
15	1	0	1	0	0	0	1	1
35	0	0	1	0	0	1	0	0
1	0	0	0	1	0	0	0	1
8	0	0	0	1	0	1	1	1
7	0	1	0	0	0	1	1	0
11	0	1	0	0	0	0	0	0
12	1	1	0	0	0	1	0	0
13	0	1	0	0	0	0	0	0
0	1	0	0	0	0	0	0	0

2. Distances for daily herding, summer & winter:

Column: herdMgmt_sumDailyDist/herdMgmt_wintDailyDist

A. Basic distances, summer:

herdMgmt_sumDailyDist	n
10	36
6	32
5	31
4	14
8	12
7	11
20	11
3	10
2	9
15	5
1	4
0	2
11	2
12	2
18	2
9	1
25	1
30	1

B. Basic distances, winter:

herdMgmt_wintDailyDist	n
3	35

herdMgmt_wintDailyDist	n
5	35
4	27
2	22
6	17
10	17
7	8
1	5
8	4
20	3
15	2
0	1
9	1
11	1
12	1
14	1
18	1
25	1
30	1
40	1
100	1
150	1

C. Basic distances, summer, by soum:

herdMgmt_sumDailyDist	Buren	Erdenedalai	Bayantal	Delgerkhaan	Bayantsagaan	Deren	Bayan	Sumber
10	8	4	6	4	4	3	4	3
5	4	7	0	6	4	3	3	4
6	4	4	6	3	3	5	3	4
7	0	0	0	2	5	0	2	2
4	3	5	0	2	1	3	0	0
8	2	1	1	0	2	4	1	1
3	0	1	0	1	2	2	3	1
20	1	0	2	2	0	1	3	2
2	2	1	1	0	0	2	0	3
15	0	0	2	1	0	0	1	1
1	2	1	0	0	0	1	0	0
9	0	0	0	0	0	0	1	0
18	0	0	0	1	0	0	1	0
0	0	1	1	0	0	0	0	0
30	0	0	1	0	0	0	0	0
11	0	1	0	0	1	0	0	0
12	1	0	0	0	0	0	0	1
25	0	1	0	0	0	0	0	0

D. Basic distances, winter, by soum:

##	Soum	herdMgmt_wintDailyDist	n
## 1	Deren	4	8
## 2	Erdenedalai	3	8
## 3	Bayantsagaan	5	7
## 4	Buren	3	6

## 5	Buren	5 6
## 6	Bayan	3 5
## 7	Bayan	5 5
## 8	Bayantsagaan	4 5
## 9	Delgerkhaan	5 5
## 10	Erdenedalai	2 5
## 11	Sumber	2 5
## 12	Bayan	10 4
## 13	Buren	10 4
## 14	Delgerkhaan	3 4
## 15	Deren	5 4
## 16	Erdenedalai	4 4
## 17	Erdenedalai	5 4
## 18	Sumber	3 4
## 19	Bayan	6 3
## 20	Bayantal	3 3
## 21	Bayantal	4 3
## 22	Bayantal	5 3
## 23	Bayantal	6 3
## 24	Bayantsagaan	3 3
## 25	Buren	2 3
## 26	Buren	6 3
## 27	Deren	7 3
## 28	Deren	10 3
## 29	Bayan	2 2
## 30	Bayantal	15 2
## 31	Bayantsagaan	2 2
## 32	Bayantsagaan	6 2
## 33	Buren	4 2
## 34	Delgerkhaan	2 2
## 35	Delgerkhaan	4 2
## 36	Delgerkhaan	7 2
## 37	Delgerkhaan	10 2
## 38	Deren	2 2
## 39	Deren	3 2
## 40	Erdenedalai	6 2
## 41	Sumber	4 2
## 42	Sumber	6 2
## 43	Sumber	8 2
## 44	Sumber	10 2
## 45	Bayan	4 1
## 46	Bayan	9 1
## 47	Bayan	30 1
## 48	Bayantal	0 1
## 49	Bayantal	1 1
## 50	Bayantal	2 1
## 51	Bayantal	10 1
## 52	Bayantal	20 1
## 53	Bayantal	150 1
## 54	Bayantsagaan	1 1
## 55	Bayantsagaan	11 1
## 56	Bayantsagaan	18 1
## 57	Buren	1 1
## 58	Buren	7 1

```
## 59      Buren      8 1
## 60 Delgerkhaan    6 1
## 61 Delgerkhaan   12 1
## 62 Delgerkhaan   14 1
## 63 Delgerkhaan   25 1
## 64 Delgerkhaan   40 1
## 65      Deren     1 1
## 66      Deren     6 1
## 67 Erdenedalai    7 1
## 68 Erdenedalai    8 1
## 69 Erdenedalai   10 1
## 70 Erdenedalai   20 1
## 71      Sumber    1 1
## 72      Sumber    5 1
## 73      Sumber    7 1
## 74      Sumber   20 1
## 75      Sumber  100 1
```

herdMgmt_wintDailyDist	Deren	Erdenedalai	Bayantsagaan	Buren	Bayan	Delgerkhaan	Sumber	Bayantal
4	8	4	5	2	1	2	2	3
3	2	8	3	6	5	4	4	3
5	4	4	7	6	5	5	1	3
2	2	5	2	3	2	2	5	1
10	3	1	0	4	4	2	2	1
6	1	2	2	3	3	1	2	3
7	3	1	0	1	0	2	1	0
15	0	0	0	0	0	0	0	2
8	0	1	0	1	0	0	2	0
9	0	0	0	0	1	0	0	0
30	0	0	0	0	1	0	0	0
0	0	0	0	0	0	0	0	1
1	1	0	1	1	0	0	1	1
20	0	1	0	0	0	0	1	1
150	0	0	0	0	0	0	0	1
11	0	0	1	0	0	0	0	0
18	0	0	1	0	0	0	0	0
12	0	0	0	0	0	1	0	0
14	0	0	0	0	0	1	0	0
25	0	0	0	0	0	1	0	0
40	0	0	0	0	0	1	0	0
100	0	0	0	0	0	0	1	0

3. Do people travel greater distances for summer vs. winter?

Column: herdMgmt_sumDailyDist/herdMgmt_wintDailyDist

A. All together:

dist_comparison	n
Equal	34
greater dist in summer	130
greater dist in winter	22

dist_comparison	n
NA	1

B. Broken up by Soum:

dist_comparison	Bayan	Bayantal	Bayantsagaan	Buren	Delgerkhaan	Deren	Erdenedalai	Sumber
Equal	4	5	6	5	3	3	4	4
greater dist in summer	16	14	15	18	16	16	19	16
greater dist in winter	2	1	1	4	3	5	4	2
NA	0	0	1	0	0	0	0	0

4. Distance moved this year vs. last year:

Column: herdMgmt_timesMoved_thisYr/herdMgmt_timesMoved_lastYr

A. Times moved this year, broken up by Soum:

herdMgmt_timesMoved_thisYr	Bayan	Bayantal	Buren	Delgerkhaan	Bayantsagaan	Erdenedalai	Sumber	Deren
3	11	2	5	5	7	7	7	5
2	5	10	9	3	8	5	7	6
4	4	2	2	8	1	6	3	4
0	0	2	6	2	2	0	0	2
5	0	1	1	1	0	5	2	1
1	3	4	3	2	1	0	1	1
6	1	1	1	1	0	3	1	3
10	0	0	0	0	1	1	0	0

B. Times moved last year, broken up by Soum:

herdMgmt_timesMoved_lastYr	Erdenedalai	Bayantsagaan	Buren	Delgerkhaan	Deren	Bayan	Sumber	Bayantal
2	13	9	5	8	7	5	6	5
4	2	4	8	4	6	6	0	1
3	3	1	6	6	8	7	5	4
1	1	1	0	1	2	0	6	4
5	2	2	4	1	1	2	2	3
0	4	2	0	0	0	1	2	2
6	1	2	2	2	0	0	1	0
8	0	1	2	0	0	0	0	0
7	0	0	0	0	0	1	0	0
10	1	0	0	0	0	0	0	0

C. Times moved, this yr vs. last year, difference for everyone:

dist_comparison	Bayan	Bayantal	Bayantsagaan	Buren	Delgerkhaan	Deren	Erdenedalai	Sumber
Equal	12	9	13	18	11	17	12	14

dist_comparison	Bayan	Bayantal	Bayantsagaan	Buren	Delgerkhaan	Deren	Erdenedalai	Sumber
moved more last year	8	5	4	5	5	5	12	4
moved more this year	2	5	5	4	5	2	3	4
NA	0	1	1	0	1	0	0	0

D. One table showing the difference, coalesced together:

move_description	n
moved 1 times fewer this year than last year	32
moved 1 times more this year than last year	17
moved 2 times fewer this year than last year	11
moved 2 times more this year than last year	9
moved 3 times fewer this year than last year	3
moved 3 times more this year than last year	2
moved 4 times fewer this year than last year	1
moved 5 times fewer this year than last year	1
moved 5 times more this year than last year	1
moved 6 times more this year than last year	1
moved an equal number of times	106
NA	3

E.The differences in times moved, broken up by Soum:

1. Bayan

move_description	n
moved 1 times fewer this year than last year	7
moved 1 times more this year than last year	1
moved 2 times fewer this year than last year	1
moved 2 times more this year than last year	1
moved an equal number of times	12

2. Bayantal

move_description	n
moved 1 times fewer this year than last year	4
moved 1 times more this year than last year	3
moved 3 times fewer this year than last year	1
moved 3 times more this year than last year	1
moved 5 times more this year than last year	1
moved an equal number of times	9
NA	1

3. Bayantsagaan

move_description	n
moved 1 times fewer this year than last year	2
moved 1 times more this year than last year	3
moved 2 times fewer this year than last year	1
moved 2 times more this year than last year	2
moved 4 times fewer this year than last year	1
moved an equal number of times	13
NA	1

4. Buren

move_description	n
moved 1 times fewer this year than last year	4
moved 1 times more this year than last year	2
moved 2 times fewer this year than last year	1
moved 2 times more this year than last year	2
moved an equal number of times	18

5. Delgerkhaan

move_description	n
moved 1 times fewer this year than last year	4
moved 1 times more this year than last year	4
moved 2 times more this year than last year	1
moved 3 times fewer this year than last year	1
moved an equal number of times	11
NA	1

6. Deren

move_description	n
moved 1 times fewer this year than last year	4
moved 2 times fewer this year than last year	1
moved 2 times more this year than last year	1
moved 3 times more this year than last year	1
moved an equal number of times	17

7. Erdenedalai

move_description	n
moved 1 times fewer this year than last year	4
moved 1 times more this year than last year	1
moved 2 times fewer this year than last year	6
moved 2 times more this year than last year	1
moved 3 times fewer this year than last year	1
moved 5 times fewer this year than last year	1
moved 6 times more this year than last year	1
moved an equal number of times	12

8. Sumber

move_description	n
moved 1 times fewer this year than last year	3
moved 1 times more this year than last year	3
moved 2 times fewer this year than last year	1
moved 2 times more this year than last year	1
moved an equal number of times	14

5. What is the average distance of moves, now vs. 10yrs ago?

Column: herdMgmt_avgDistMoves/herdMgmt_10yrs_avgMoveDist

A. Unsimplified:

move_description	n
moved an equal amount of distance	45
NA	15
moved 10 kilometers more 10yrs ago than last year	8
moved 20 kilometers more 10yrs ago than last year	4
moved 1 kilometers more 10yrs ago than last year	3
moved 15 kilometers more 10yrs ago than last year	3
moved 2 kilometers less 10yrs ago than last year	3
moved 25 kilometers more 10yrs ago than last year	3
moved 27 kilometers more 10yrs ago than last year	3
moved 3 kilometers more 10yrs ago than last year	3
moved 40 kilometers more 10yrs ago than last year	3
moved 5 kilometers less 10yrs ago than last year	3
moved 5 kilometers more 10yrs ago than last year	3
moved 50 kilometers more 10yrs ago than last year	3
moved 7 kilometers more 10yrs ago than last year	3
moved 10 kilometers less 10yrs ago than last year	2
moved 2 kilometers more 10yrs ago than last year	2
moved 20 kilometers less 10yrs ago than last year	2
moved 22 kilometers more 10yrs ago than last year	2
moved 25 kilometers less 10yrs ago than last year	2
moved 275 kilometers more 10yrs ago than last year	2
moved 3 kilometers less 10yrs ago than last year	2
moved 30 kilometers less 10yrs ago than last year	2
moved 30 kilometers more 10yrs ago than last year	2
moved 4 kilometers more 10yrs ago than last year	2
moved 43 kilometers more 10yrs ago than last year	2
moved 60 kilometers more 10yrs ago than last year	2
moved 70 kilometers more 10yrs ago than last year	2
moved 8 kilometers more 10yrs ago than last year	2
moved 84 kilometers more 10yrs ago than last year	2
moved 95 kilometers more 10yrs ago than last year	2
moved 0.5 kilometers less 10yrs ago than last year	1
moved 1 kilometers less 10yrs ago than last year	1
moved 101 kilometers less 10yrs ago than last year	1
moved 105 kilometers more 10yrs ago than last year	1
moved 108 kilometers more 10yrs ago than last year	1
moved 115 kilometers more 10yrs ago than last year	1
moved 120 kilometers more 10yrs ago than last year	1

move_description	n
moved 127 kilometers less 10yrs ago than last year	1
moved 130 kilometers less 10yrs ago than last year	1
moved 130 kilometers more 10yrs ago than last year	1
moved 16 kilometers less 10yrs ago than last year	1
moved 162 kilometers more 10yrs ago than last year	1
moved 170 kilometers more 10yrs ago than last year	1
moved 19.25 kilometers more 10yrs ago than last year	1
moved 195 kilometers more 10yrs ago than last year	1
moved 2.1 kilometers less 10yrs ago than last year	1
moved 2.5 kilometers less 10yrs ago than last year	1
moved 2.6 kilometers more 10yrs ago than last year	1
moved 200 kilometers more 10yrs ago than last year	1
moved 21 kilometers more 10yrs ago than last year	1
moved 225 kilometers more 10yrs ago than last year	1
moved 23 kilometers more 10yrs ago than last year	1
moved 270 kilometers more 10yrs ago than last year	1
moved 28 kilometers more 10yrs ago than last year	1
moved 280 kilometers more 10yrs ago than last year	1
moved 290 kilometers more 10yrs ago than last year	1
moved 294 kilometers more 10yrs ago than last year	1
moved 350 kilometers more 10yrs ago than last year	1
moved 36 kilometers more 10yrs ago than last year	1
moved 37 kilometers more 10yrs ago than last year	1
moved 38 kilometers less 10yrs ago than last year	1
moved 38 kilometers more 10yrs ago than last year	1
moved 39 kilometers more 10yrs ago than last year	1
moved 45 kilometers more 10yrs ago than last year	1
moved 490 kilometers more 10yrs ago than last year	1
moved 50 kilometers less 10yrs ago than last year	1
moved 51 kilometers more 10yrs ago than last year	1
moved 53 kilometers more 10yrs ago than last year	1
moved 57 kilometers more 10yrs ago than last year	1
moved 6 kilometers less 10yrs ago than last year	1
moved 6 kilometers more 10yrs ago than last year	1
moved 63 kilometers more 10yrs ago than last year	1
moved 66 kilometers more 10yrs ago than last year	1
moved 68 kilometers more 10yrs ago than last year	1
moved 77 kilometers more 10yrs ago than last year	1
moved 79 kilometers more 10yrs ago than last year	1
moved 80 kilometers more 10yrs ago than last year	1
moved 85 kilometers more 10yrs ago than last year	1
moved 90 kilometers less 10yrs ago than last year	1
moved 90 kilometers more 10yrs ago than last year	1

B. Simplified:

move_description	n
moved more 10yrs ago than last year	99
moved an equal amount of distance	45
moved less 10yrs ago than last year	28
NA	15

move_description	n
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