

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 | 2 | 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:

| 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 |

| herdMgmt_wintDailyDist | Deren | Erdenedalai | Bayantsagaan | Buren | Bayan | Delgerkhaan | Sumber | Bayantal |
|------------------------|-------|-------------|--------------|-------|-------|-------------|--------|----------|
| 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 |
| 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_times | Moved_times | Deren | Sumber | Erdenedalai | Bayan | Bayantal | Buren | Delgerkhaan | Bayantsagaan |
|----------------|-------------|-------|--------|-------------|-------|----------|-------|-------------|--------------|
| | 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_times | Moved_last_year | 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 |
| 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 |

| move_description | n |
|------------------|---|
|------------------|---|

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. Bayansagaan

| 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 |

| move_description | n |
|--|----|
| 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 |

| move_description | n |
|--|---|
| 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 |
| 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 |

| move_description | n |
|--|---|
| 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 |