

Fergana Valley

Baseline survey for CRP “Dryland Systems”

Introduction

This document gives a standard set of questions that can be asked of the Baseline Survey data and shows the tables that could be produced to answer those questions. An R syntax file will be developed to produce these tables.

Calculated Indices

We suggest calculating the following indices. Many of the tables will be split according to levels of these indices. We will also look at the gender split in types of household looking at female-headed versus male-headed households and look at cross tabulations between combinations of different indices.

Part A: General Information

Province: Batken.

District: Batken.

Villages: Chek, Janijer.

Total respondents (Households): 120.

Please see Annex I for additional information.

Part B: Respondent and household head’s background

Gender distribution of the respondents

| Gender of the respondent | Number of Respondents | Percentage |
|--------------------------|-----------------------|------------|
| Male | 108 | 90% |
| Female | 12 | 10% |
| Missing | 0 | 0% |
| TOTAL | 120 | 100% |

The decision maker

| Area | Male | Female | Jointly |
|----------------------|------|--------|---------|
| At farm/plot level | 14% | 14% | 72% |
| Crop Management | 22% | 19% | 59% |
| Livestock management | 23% | 13% | 64% |

Part C: Demographic characteristics of the Sample

Gender proportion of the sample

| Number of Households/Families | Male | Female |
|--------------------------------------|-------------|---------------|
| 120 | 348 | 359 |

Sample Families classification

| Category | Male | Female | Total |
|-----------------|-------------|---------------|--------------|
| ≤ 7 years old | 53 | 45 | 98 |
| 8 – 14 years | 35 | 46 | 81 |
| 15 – 24 years | 70 | 77 | 147 |
| 25 – 65 years | 176 | 173 | 349 |
| > 65 years old | 18 | 14 | 32 |

Sample off-farm income

| Category | Male | Female |
|-----------------|-------------|---------------|
| Off-farm | 50 | 42 |

Education level of the Sample

| Education level | Male | Female |
|---|-------------|---------------|
| Basic education | 289 | 295 |
| Elementary school | 246 | 233 |
| College | 17 | 23 |
| Higher education (University, B.Sc, M.A.) | 31 | 26 |
| Ph.D, postgraduate, postdoctoral | 0 | 0 |

Family labor contribution to own farm

| Total | | Average per family | |
|--------------|---------------|---------------------------|---------------|
| Male | Female | Male | Female |
| 213 | 220 | 1.77 | 1.83 |

Part D: Financial, physical, natural and social capital

Sources of income

| Source | Total number of household |
|---|---------------------------|
| Farm | 109 |
| Government salaries, pension | 65 |
| Salaries from working in private sector | 14 |
| Own non-farm business | 6 |
| Other (e.g. from working abroad) | 26 |

Share of Agriculture and Livestock in annual total family income

| Average Share of agriculture and livestock in total family income | 49% |
|---|-----------|
| The estimated mean of the annual total income from crops | 61797 KGS |
| The estimated mean of the annual total income from livestock | 31268 KGS |
| The estimated mean of the annual income from off-farm activity | 53510 KGS |

Housing conditions

In average per family

| Number of rooms in total | Living | Heated | With electricity | Toilet | Washing |
|--------------------------|--------|--------|------------------|--------|---------|
| 5 | 4 | 1,5 | 3,1 | 1 | 0,3 |

House/farm area in average per family (square meters)

| Living space/area | Non living space/area | Backyard/adjoining the farm | Farm space |
|-------------------|-----------------------|-----------------------------|------------|
| 83,4 | 22,8 | 1480 | 7,15 |

Estimated cost of the house (in local currency, KGS)

| Minimum | Lower quartile | Median | Mean | Higher quartile | Maximum |
|---------|----------------|-----------|---------|-----------------|-----------|
| 0 | 462 500 | 1 000 000 | 910 200 | 1 200 000 | 5 000 000 |

Leadership of the household head in local community

The proportion of the leadership

| Total number of Households | Number of households where the head is the Leader |
|----------------------------|---|
| 120 | 12 (overall percentage 10%) |

Other members of the household in community organizations

| Number of households | Male | Female |
|-----------------------------|-------------|---------------|
| 14 | 7 (50 %) | 7 (50%) |

And from this, Average per household

| Male | Female |
|-------------|---------------|
| 0,05 | 0,05 |

Government support

On crop fails/damages

| Up to 25% | Up to 50% | Up to 75% | Up to 100% |
|------------------|------------------|------------------|-------------------|
| 0 | 1 | 0 | 0 |

Visits to agricultural specialists / rural advisory services over the last 12 months

| | Number of visits |
|-------|-------------------------|
| Men | 5 |
| Women | 43 |
| Youth | 0 |

Visits of agricultural specialists / rural advisory services to the household over the last 12 months

| | No visit | 1-5 times | 6-10 times | More than 10 times |
|-------------------------------|-----------------|------------------|-------------------|---------------------------|
| Governmental institutions | | | | |
| Farmer cooperatives or groups | | 5 | | |
| Neighbor farmers | | | | |
| NGOs | | | | 62 |
| Media | | 3 | | |
| Private | | | 10 | |
| Other | | | | |

Quality of the Visits of agricultural specialists / rural advisory services to the household over the last 12 months (Repeat the following table for Relevant for Men, Relevant for Woman and Relevant for Youth)

| | Very useful | Useful | Acceptable | Somehow useful | Not useful | No idea |
|-------------------------------|--------------------|---------------|-------------------|-----------------------|-------------------|----------------|
| Governmental institutions | | 7 | | | | |
| Farmer cooperatives or groups | 5 | 4 | | | | |
| Neighbor farmers | | | | | | |

| | | |
|---------|----|----|
| NGOs | 30 | 28 |
| Media | | |
| Private | 5 | |
| Other | | |

Strengthening the Capacity building

Repeat the following table for Relevant for Men, Relevant for Woman and Relevant for Youth

| | On-farm demonstration | Field days for crop | Field days for livestock | Other Trainings |
|-------|------------------------------|----------------------------|---------------------------------|------------------------|
| Men | 4 | 4 | 2 | 3 |
| Women | 5 | 7 | 7 | 8 |
| Youth | 0 | 0 | 0 | 0 |

The proportion of the attendance in capacity building

| Total number of Households | Number of households attended in capacity building events |
|-----------------------------------|--|
| 120 | 40 |

Main topics discussed with agricultural specialists

| | Crop | Livestock | NR Management | Social Organization | Pets control | Other |
|--------------------|-------------|------------------|----------------------|----------------------------|---------------------|--------------|
| Relevant for Men | 5 | 2 | | | | |
| Relevant for Women | 5 | | | | 1 | 1 |
| Relevant for Youth | 1 | | | | | |

Women free access to agricultural consultations

| Title | Total | Has access |
|---|--------------|-------------------|
| Free access to agricultural consultations | 359 | 84 % |
| Freely participate trainings outside home | 359 | 98 % |

Access to Land

Access to land as on January 1, 2015

| Title | Irrigated (ha) | Rainfed (ha) |
|-----------------------|-----------------------|---------------------|
| Own land | 95,91 | 49,3 |
| Rented (shared in) | 130,55 | 30,2 |
| Rented (shared out) | 11,4 | 9,1 |
| Communal | 41,55 | 187,1 |
| Area planted to trees | 0 | 0,5 |

Land owned by women

Land registered to women 62. Total area: 11,19 ha (irrigated), 6,26 ha (rainfed).

Household assets

| Name of asset | Total | Average condition | Estimated value (average per asset) |
|------------------------------|--------------|--------------------------|--|
| Tractor | 7 | Good | 154 286 KGS |
| Combine harvester | - | - | - |
| Water pump | 1 | Good | 200 000 KGS |
| Automobile | 60 | Good | 186 337 KGS |
| Picks-ups | 16 | Good | 176 250 KGS |
| Trucks | 1 | Bad | 220 000 KGS |
| Grain storage structures | 6 | Good | 18750 KGS |
| Television (TV) | 113 | Good | 3997 KGS |
| Satellite | 56 | Good | 64400 KGS |
| Radio, cassette or CD player | 32 | Good | 898,6 KGS |
| Mobile Phones | 711 | Good | 445,7 KGS |
| Phone (land line) | 42 | Good | 588 KGS |
| Refrigerator | 82 | Good | 9555 KGS |
| Washing Machine | 73 | Good | 4397,3 KGS |
| Cupboards | 76 | Good | 7346 KGS |
| Carpets | 240 | Very good | 4559 KGS |
| Gold (value) | 143 | Good | 3191 KGS |

The proportion of the main assets per household

| Asset | Total (N) | Household has (percentage %) |
|------------------------------|------------------|-------------------------------------|
| Tractor | 7 | 0,58 |
| Combine harvester | - | - |
| Water pump | 1 | 0,008 |
| Automobile | 60 | 0,5 |
| Picks-ups | 16 | 0,13 |
| Trucks | 1 | 0,008 |
| Grain storage structures | 6 | 0,05 |
| Television (TV) | 113 | 0,94 |
| Satellite | 56 | 0,46 |
| Radio, cassette or CD player | 32 | 0,26 |
| Mobile Phones | 711 | 5,9 |
| Phone (land line) | 42 | 0,35 |
| Refrigerator | 82 | 0,68 |
| Washing Machine | | 0,61 |

Livestock production

Livestock types per household

| Type | Total (N) | Per household (N) |
|---------------|------------------|--------------------------|
| Milk cows | 125 | |
| Non milk cows | 858 | |
| Ox | 304 | |
| Camel | 0 | |
| Sheep | 77 | |
| Goats | 197 | |
| Poultry | 60 | |
| Equines | 0 | |
| Bee hives | 0 | |

Livestock production per household per year

| Type | Total (N) | Producing HH (%) | Per household (N) |
|----------------------|------------------|-------------------------|--------------------------|
| Milk production (l) | 116070 | 82 (68%) | 967 |
| Wool production (kg) | 120 | 14 (12 %) | 1 |

Household gross income (from January 2014 to December 2014)

| Income from | Average Income | Households (N) |
|------------------------|-----------------------|-----------------------|
| Rainfed crops | 58000 KGS | 4 |
| Irrigated crops | 77000 KGS | 92 |
| Farm work | 21400 KGS | 20 |
| Non-farm work | 68500 KGS | 4 |
| Livestock | 22522 KGS | 23 |
| Cattle | 45807 KGS | 49 |
| Goats and Sheep | 15772 KGS | 21 |
| Poultry | 1951 KGS | 6 |
| Selling plant products | 31250 KGS | 4 |
| Hiring equipment | 25000 KGS | 2 |
| Rent from land | 50500 KGS | 2 |
| Regular salaried jobs | 92125 KGS | 24 |
| Private Business | 90000 KGS | 6 |
| Pension | 60159 KGS | 34 |
| Outside work | 82411 KGS | 18 |
| Social programs | 33134 KGS | 9 |
| Other | 55357 KGS | 14 |

Part E: Agricultural production

Average grain and straw yields (kg per ha)

| Crops | Normal year | Bad year | Best year (last 10 years) |
|--------------|--------------------|-----------------|----------------------------------|
| Wheat | - | - | - |
| Barley | - | - | - |
| Rice | - | - | - |
| Lentil | - | - | - |
| Chickpea | 1321 | 553 | 2008 |
| Faba bean | 1560 | 1275 | 2010 |
| Straw | 100 | 50 | 202 |
| Maize | 1144 | 544 | 1969 |
| Фасоль | 560 | 392 | 2011 |
| Tabaco | 1057 | 375 | 1977 |

Last 10 years classification

| Normal years (N) | Bad years (N) | Good years (N) |
|-------------------------|----------------------|-----------------------|
| 3 | 4 | 2 |

Home garden

| | |
|--|-----------------------|
| Availability of home garden on households: | 84% (101 households) |
| Average area of home garden on households: | 15 m ² |
| Irrigated (fresh water) home gardens: | 85% (85 home gardens) |
| Irrigated (gray water) home gardens: | 14% (14 home gardens) |
| Rainfed home gardens: | 2 % (2 home gardens) |
| Average family income from home gardens: | 158253 KGS |

Main crops planted (list of top crops planted on home gardens)

| Crop | Home gardens (N) |
|-------------|-------------------------|
| абрикос | 52 |
| кукуруза | 30 |
| табак | 24 |
| фруктовые | 8 |
| фасоль | 6 |
| Лук | 3 |
| Перец | 2 |

Soil salinity (in percentage)

| Non-saline | Slightly saline | Medium saline | Highly saline |
|-------------------|------------------------|----------------------|----------------------|
| 0% | 30% | 68% | 2% |

Seed source

| Source | Households (%) |
|------------------------|-----------------------|
| Local seed producers | 42% |
| Relatives | 40% |
| Private seed companies | 10% |
| Agro dealers | 4% |
| Neighbors | 3% |
| Farmer coops | 1% |

Sowing methods

| Manual (%) | Mechanical (%) | Drill (%) | ZT seeder (%) | Other (%) |
|-------------------|-----------------------|------------------|----------------------|------------------|
| 69% | 7% | 3% | 1% | 20% |

Source of irrigation

| River (%) | Canal (%) | Well (%) | Other (%) |
|------------------|------------------|-----------------|------------------|
| 0% | 100% | 0% | 0% |

Types of stress

| No stress (%) | Pest (%) | Drought (%) | Extreme heat (%) | Diseases (%) |
|----------------------|-----------------|--------------------|-------------------------|---------------------|
| 2% | 39% | 38% | 21% | 0% |

Responsible person for mechanical application of pesticides

| Men (%) | Women (%) | Other (%) |
|----------------|------------------|------------------|
| 51% | 19% | 30% |

Responsible person for hand application of pesticides

| Men (%) | Women (%) | Other (%) |
|----------------|------------------|------------------|
| 64% | 22% | 14% |

Keeping security norms during pesticides application

| Yes (%) | No (%) |
|----------------|---------------|
| 66% | 34% |

Responsible person for irrigation

| Men (%) | Women (%) |
|----------------|------------------|
| 90% | 10% |

Can women be responsible for irrigation?

| Yes (%) | No (%) |
|----------------|---------------|
| 5% | 95% |

Main reason why woman cannot be responsible for irrigation

| Reasons |
|--------------------------------|
| физически не по силам |
| сил не хватит распределить вод |
| она не успеваеа привааь всю но |
| занета домашним хозяйством |

Local and improved varieties

| Questions | Wheat | Rice | Mung-bean | Legume | Nuts | Maize | Potato | Vegetables |
|--|--------------|-------------|------------------|---------------|-------------|--------------|---------------|-------------------|
| Area under each variety (ha) | 0 | 0 | 0 | 363 | 0 | 1810 | 39 | 100 |
| Knowing about new improved varieties (%) | 3 | 3 | 0 | 16 | 3 | 55 | 5 | 15 |
| Usage of new improved varieties (%) | 0 | 0 | 0 | 20 | 0 | 63 | 3 | 13 |

Reason for not using new improved varieties

| Low yield | Seed unavailability | Disease problem | Pest problem | Poop product quality | Other |
|------------------|----------------------------|------------------------|---------------------|-----------------------------|--------------|
| 57% | 14% | 0,1% | 0,1% | 8% | 21% |

Usage of zero tillage in the farm/plot: 0,2% (3 households).

Part F: Access, quality, quantity and management of water resources

Privately owned

| River (%) | Canal (%) | Well (%) | Other (%) |
|------------------|------------------|-----------------|------------------|
| - | 56% | - | - |

Communally owned

| River (%) | Canal (%) | Well (%) | Other (%) |
|------------------|------------------|-----------------|------------------|
| - | 65% | - | - |

Depth of water source

| River (m) | Canal (m) | Well (m) | Other (%) |
|------------------|------------------|-----------------|------------------|
| - | 8 | - | - |

Overall quantity of water

| River (%) | Canal (%) | | | Well (%) | Other (%) |
|------------------|------------------|---------|-----|-----------------|------------------|
| - | Good | Average | Bad | - | - |
| | 100% | | | | |

Structure is with oil engine (%)

| River | Canal | Well | Other |
|--------------|--------------|-------------|--------------|
| - | - | - | - |

Structure is with electric engine (%)

| River | Canal | Well | Other |
|--------------|--------------|-------------|--------------|
| - | - | - | - |

Actual areas the structure is irrigating (ha)

| River | Canal | Well | Other |
|--------------|--------------|-------------|--------------|
| - | 243 | - | - |

Potential areas the structure is irrigating (ha)

| River | Canal | Well | Other |
|--------------|--------------|-------------|--------------|
| - | 404 | - | - |

Part G: Livestock production and management

Water source for animals (%)

| River | Canal | Well | Artesian well | Drainage well | Pond |
|-------|-------|------|---------------|---------------|------|
| 0% | 55% | 1% | 18% | 26% | 0% |

Freshness of water for animals (%)

| Drinking water | Salty water | Unknown |
|----------------|-------------|---------|
| 18% | 53% | 28% |

Last year the average percentage of lambs/kids/claves, used for: (%)

| Replacement | Sales | Other purposes |
|-------------|-------|----------------|
| 0% | 22,1% | 0% |

Flock structure for the last 12 months

Type of breed

| Sheep | Goat | Cattle |
|-------|-------|--------|
| Local | Local | Local |

Reason of choice

| Flock | Productivity | Adaptation | Quality | Marketability |
|--------|--------------|------------|---------|---------------|
| Sheep | - | 100% | - | - |
| Goat | - | 90% | - | 10% |
| Cattle | 6% | 90% | 2% | 2% |

Main product from this breed

| Flock | Milk | Meat | Both |
|--------|------|------|------|
| Sheep | | 100% | |
| Goat | | 80% | 20% |
| Cattle | 42% | 1% | 57% |

Average flock size (N)

| Sheep | Goat | Cattle |
|-------|------|--------|
| 25 | 17 | 4 |

Average males on flocks (N)

| Sheep | Goat | Cattle |
|-------|------|--------|
| 5 | 7 | 1,7 |

Average females on flocks (N)

| Sheep | Goat | Cattle |
|-------|------|--------|
| 20 | 10 | 2,3 |

Average lambs (3-6 months) on flocks (N)

| Sheep | Goat | Cattle |
|-------|------|--------|
| 7 | 3,7 | 1,2 |

Average born lambs this year (N)

| Sheep | Goat | Cattle |
|-------|------|--------|
| 6 | 6,8 | 1,4 |

Average born lambs last year (N)

| Sheep | Goat | Cattle |
|-------|------|--------|
| 6 | 6 | 1,3 |

Average twins per flock (N)

| Sheep | Goat | Cattle |
|-------|------|--------|
| 2 | 2 | - |

Average dead animals per flock (N)

| Sheep | Goat | Cattle |
|-------|------|--------|
| 0,01 | 0,01 | 0,01 |

Average dead lambs per flock (N)

| Sheep | Goat | Cattle |
|-------|------|--------|
| 0,01 | 0,01 | 0,01 |

Average abortions per flock (N)

| Sheep | Goat | Cattle |
|-------|------|--------|
| 0 | 0 | 0,06 |

Animal breeding

Practiced method for mating of cattle

| Natural | Artificial insemination | Both |
|---------|-------------------------|------|
| 98% | 4% | 2% |

Getting insemination services

| Private sector | State/public sector |
|----------------|---------------------|
| 77% | 23% |

Total number of inseminated animals last year season 5

Total number of new-born animals were received last year 143

Total number of males replacing in herds every year 17

Source of new males (%)

| Own flock | Outside | Both |
|-----------|---------|------|
| 74% | 1% | 25% |

Milk processing

Processing milk at home Yes (%) 67 No (%) 23

Selling excess dairy products Yes (%) 62 No (%) 38

Responsible person for cattle breeding

| Animal | Men | Women | Children |
|--------------|-----|-------|----------|
| Cattle | 69% | 29% | 2% |
| Small cattle | 48% | 48% | 4% |
| Poultry | 43% | 14% | 43% |

Animal health

Keeping new animals in quarantine before joining them to the flock Yes (%) 10 No (%) 90

Knowing about sickness can be transmitted from cattle to human Yes (%) 87 No (%) 13

Average visit of vet within last year season 3

Treating animals for parasites

| Parasite name | Treatment date | Treatment date | Treatment date |
|---------------|----------------|----------------|----------------|
| ящур | March, 2014 | | November, 2014 |
| чесотка | March, 2014 | October, 2014 | |
| Бруцеллёз | April, 2014 | October, 2014 | |
| Шарп | March, 2014 | October, 2014 | |
| пастрелёз | April, 2014 | October, 2014 | |

Part H: Agricultural markets and food security

Livestock and animal market access

Average distance to the nearest animal market (km) 11,2

Purpose of visiting the animal market (%)

| Sell | Buy | Brokerage | Other |
|------|-----|-----------|-------|
| 71 | 16 | 2 | 11 |

Average animal transportation cost (in local currency) 167,2 KGS

Average animals, which has been sold/bought last year per household 2,8

Responsible person in Household for selling/buying animals (%)

| Men | Women | Other |
|-----|-------|-------|
| 92% | 5% | 3% |

Average distance to the nearest crop and livestock products market (km) 11,27

Purpose of visiting the livestock products market (%)

| Sell | Buy | Brokerage | Other |
|------|-----|-----------|-------|
| 46 | 54 | 0 | 0 |

Average crop and livestock products transportation cost (in local currency) 153,15 KGS

Responsible person in Household for selling/buying at crop and livestock products market (%)

| Men | Women | Other |
|-----|-------|-------|
| 37% | 48% | 14% |

Access to food

| Question | Yes (%) | No (%) | How often did this happen | | |
|---|---------|--------|---------------------------|---------------|-----------|
| | | | Rarely (%) | Sometimes (%) | Often (%) |
| Did you worry that your household would not have enough food to eat over the month? | 85% | 15% | 24% | 13% | 17% |
| Were you or any household member not able to eat the kinds of foods you preferred because of lack of income to buy or inability to produce? | 48% | 10% | 16% | 21% | 11% |
| Did you or any other household member eat smaller meals in a day because of a lack of access to food (either | 38% | 9% | 13% | 19% | 5% |

because of a lack of income or lack of household production)?

| | | | | | |
|---|-----|------|-----|-----|----|
| Did you or any other household member eat fewer meals in a day because there was not enough food? | 28% | 13% | 10% | 15% | 3% |
| Did you or any household member go to sleep at night hungry because there was not enough food? | 0% | 100% | 0% | 0% | 0% |
| Did you or any of your members go a WHOLE DAY without eating because there was not enough food? | 0% | 100% | 0% | 0% | 0% |

Household coping strategy

| Type of coping strategies | Yes (%) | No (%) |
|---|----------------|---------------|
| Purchased food on credit | 17 | 83 |
| Borrowed food, helped by relatives or the community | 53 | 47 |
| Adults ate less food so that children could eat more | 46 | 54 |
| Consumed seed stock held for next season | 17 | 83 |
| Sent children to live with relatives | 26 | 74 |
| Bartered food or non- food items to buy more staple food | 90 | 10 |
| Used up savings in order to purchase food | 92 | 8 |
| Reduced expenditure on health and education in order to purchase food | 62 | 38 |
| Borrowed money from relatives / neighbors in order to purchase food | 59 | 41 |
| Sold HH poultry – chicken , ducks, etc. in order to purchase other types of food | 36 | 64 |
| Sold HH articles (utensils, blankets, building materials, jewelry) in order to purchase food | 0 | 100 |
| Sold small ruminant (animals) goats, sheep in order to purchase other types of food | 36 | 64 |
| Sold big animals (Cattle, donkeys, camels,) in order to purchase other types of food | 59 | 41 |
| Sold agricultural tools, seeds. in order to purchase food | 24 | 76 |
| Stopped smoking Cigarettes in order to save costs that allowed you to purchase food | 52 | 48 |
| Accepted food aid from an international organization or government agency | 17 | 83 |

Main sources of accessing food on households over previous 30 days

| Item | Percentage |
|---|-------------------|
| Own production | 41 |
| Sale of livestock | 12 |
| Trade / small business | 11 |
| Regular monthly salary | 13 |
| Daily (Agriculture and non-agriculture labor) | 5 |
| Remittance | 8 |
| Public help | 0 |
| Help from relatives/friends | 10 |

Receiving cash assistance from the social welfare fund

Yes (%) 15

No (%) 85

Household diet diversity

| Food groups | Frequency per week | | | |
|---|--------------------|----------------|----------------|--------------|
| | Daily (HH) | 3-5 times (HH) | 1-2 times (HH) | Nothing (HH) |
| Wheat, rice, maize, sorghum, millet | 38 | 41 | 41 | 0 |
| Pumpkins, carrots, squash, etc. | 10 | 15 | 84 | 6 |
| Potatoes, beet roots and other roots/tubers | 107 | 6 | 8 | 0 |
| Spinach, cabbage and other green leafy vegetables | 4 | 19 | 77 | 6 |
| Other vegetables: tomato, cauliflower, cucumber, and others | 21 | 28 | 62 | 0 |
| Legumes\ vegetable proteins- all green beans, green\dry peas, lentils, nuts and other leguminous vegetables | 4 | 12 | 76 | 9 |
| fruits- Grapes, peach, plum, apple, pear, pomegranate, orange, and other fruits | 0 | 8 | 97 | 12 |
| Meat – goat meat, sheep meat, chicken , beef, and other meat | 35 | 25 | 61 | 1 |
| Poultry based products – chicken eggs, duck eggs, and other eggs | 3 | 18 | 80 | 6 |
| Fish, Sea/river fish products | 0 | 7 | 44 | 40 |
| Dairy products – milk, yogurt, etc. | 65 | 27 | 13 | 1 |
| Oils and fats – cooking oils, cheese , butter ,ghee, etc. | 90 | 4 | 12 | 0 |
| Sugar and honey | 80 | 13 | 28 | 1 |
| Chocolates and candies | 6 | 15 | 71 | 23 |
| Confectionary products: biscuits, traditional sweets, cakes | 5 | 15 | 82 | 13 |
| Beverages | 2 | 5 | 75 | 20 |
| Coffee, tea | 118 | 1 | 3 | 0 |

Proportion of seasons on lack of food products

| Winter (%) | Spring (%) | Summer (%) | Autumn (%) |
|------------|------------|------------|------------|
| 3% | 94% | 2% | 1% |

Enough finance to purchase good quality food products Yes (%) 38 No (%) 62

Women have access to full and quality food in the family Yes (%) 83 No (%) 17

Part I: Agricultural policy

Satisfaction of participation in/contribution to community-related decision making

| Satisfied (%) | Partially satisfied (%) | Unsatisfied (%) |
|----------------------|--------------------------------|------------------------|
| 58 | 32 | 9 |

Satisfaction on degree of enforcement of community decisions

| Satisfied (%) | Partially satisfied (%) | Unsatisfied (%) |
|----------------------|--------------------------------|------------------------|
| 46 | 49 | 10 |

| | | |
|--|-------------------|------------------|
| <i>Women participate in decision making at family level</i> | <i>Yes (%) 97</i> | <i>No (%) 3</i> |
| <i>Women participate in decision making at community level</i> | <i>Yes (%) 61</i> | <i>No (%) 39</i> |

Part J: Borrowing and access to credit

Who makes decision on borrowing or credit in the family Men (%) 81 Women (%) 19

Reliable sources for borrowing in times of need Yes (%) 47 No (%) 53

Average maximum amount to borrow (local currency) 34022 KGS

Access to other sources of funding Yes (%) 49 No (%) 51

Critical shortage of availability funds for agricultural activities Yes (%) 97 No (%) 3

Proportion of months, facing critical fund shortages

| January - March (%) | April - June (%) | July - September (%) | October - December (%) |
|----------------------------|-------------------------|-----------------------------|-------------------------------|
| 23 | 77 | 0 | 0 |

Receiving any cash/input credit of any source in the last 12 months Yes (%) 17 No (%) 83

Receiving any cash/input credit of any source by family member in the last 12 months Yes (%) 16 No (%) 84

Received loan sources

| Bank (%) | Local money lender (%) | Neighbor farmers (%) | NGO (%) | Government (%) | Relatives (%) | Other (%) |
|-----------------|-------------------------------|-----------------------------|----------------|-----------------------|----------------------|------------------|
| 58 | 6 | 0 | 0 | 3 | 28 | 6 |

Receiving loans in time Yes (%) 24 No (%) 76

Ability of returning loan on time Yes (%) 26 No (%) 74

Regularly taking loans Yes (%) 8 No (%) 92

Got the loan Men (%) 75 Women (%) 25 Youth (%) 0

Part K: Agricultural production system vulnerability and local coping mechanisms used by households

Major shocks encountered

Observing over the past ten years:

| | | | |
|--------------------------------------|-------------------|-------------------|---------------------------|
| <i>Drought</i> | <i>Yes (%) 98</i> | <i>No (%) 2</i> | <i>Frequency (N) 3,18</i> |
| <i>Hailstorm</i> | <i>Yes (%) 98</i> | <i>No (%) 2</i> | <i>Frequency (N) 2,15</i> |
| <i>Flood</i> | <i>Yes (%) 67</i> | <i>No (%) 33</i> | <i>Frequency (N) 2,08</i> |
| <i>Animal disease</i> | <i>Yes (%) 68</i> | <i>No (%) 32</i> | <i>Frequency (N) 2,05</i> |
| <i>Untimely rains</i> | <i>Yes (%) 58</i> | <i>No (%) 42</i> | <i>Frequency (N) 7,88</i> |
| <i>Irregular weather</i> | <i>Yes (%) 32</i> | <i>No (%) 68</i> | <i>Frequency (N) 2,84</i> |
| <i>Pest damage to crops</i> | <i>Yes (%) 23</i> | <i>No (%) 77</i> | <i>Frequency (N) 4,30</i> |
| <i>Major changes in crop pattern</i> | <i>Yes (%) 3</i> | <i>No (%) 97</i> | <i>Frequency (N) 1,33</i> |
| <i>Crop failure</i> | <i>Yes (%) 58</i> | <i>No (%) 42</i> | <i>Frequency (N) 2,79</i> |
| <i>Loss of assets</i> | <i>Yes (%) 0</i> | <i>No (%) 100</i> | <i>Frequency (N) -</i> |
| <i>Loss of income</i> | <i>Yes (%) 20</i> | <i>No (%) 80</i> | <i>Frequency (N) 6,21</i> |
| <i>Food insecurity/shortage</i> | <i>Yes (%) 21</i> | <i>No (%) 79</i> | <i>Frequency (N) 6,76</i> |
| <i>Death of livestock</i> | <i>Yes (%) 57</i> | <i>No (%) 43</i> | <i>Frequency (N) 2,63</i> |

Adaptation strategies

| Strategy | Percentage |
|---|-------------------|
| Did Nothing | 71 |
| Left land fallow | 1 |
| Sold part of land for alternative | 0 |
| Leased out part of land for alternative/leased in | 1 |
| Sold livestock (sheep, goats, cows, etc) | 1 |
| Provided supplemental irrigation | 2 |
| Invested in farm ponds (water harvesting structures) | 0 |
| Change in cropping pattern | 1 |
| Followed improved crop production practices | 3 |
| Additional information gained | 3 |
| Any other adaptation measure | 3 |
| Change in planting date | 2 |
| Adopted drought tolerant varieties | 3 |
| Changed the composition of my livestock (more hardy animals and less of others) | 0 |

| | |
|--|---|
| Borrowed money from relatives/others | 4 |
| Relying on assistance from government/NGOs | 0 |
| Less food consumption or changed food habits | 3 |
| Shifted to non-farm employment | 1 |
| Out migration to cities | 1 |
| Other | 1 |

Insurance

Purchase crop insurance this year *Yes (%) 0* *No (%) 100*

Reason for not purchasing the insurance

| Reason | Percentage |
|--|-------------------|
| No trust to insurance company | 2 |
| Didn't get payments when lost obtained in the past | 0 |
| Didn't hear about the program | 96 |
| No money for insurance purchase | 1 |
| Religion reasons | 0 |
| Other | 1 |

Insurance provider

| Provider | Percentage |
|-----------------|-------------------|
| Government | 1 |
| Private company | 0 |
| Other | 99 |

Average insurance price per hectare (local currency) *1,75 KGS*

Did you get any payment during the last 5 years *Yes (%) 0* *No (%) 100*

Decision maker on insurance in the family: *Men (%) 55* *Women (%) 6* *Together (%) 39*

Women can independently make harvest insurance on her own: *Yes (%) 47* *No (%) 53*

Accessibility of information on harvest insurance *Yes (%) 1* *No (%) 99*

Annex I. Detailed information about households

| Village | HH Fullname | Visit Date | HH Sex | HH Age | HH Agri. Exp. | Male Family member under | | | | | Female Family member under | | | | |
|---------|-----------------------|------------|--------|--------|---------------|--------------------------|------|-------|-------|-----|----------------------------|------|-------|-------|-----|
| | | | | | | 7 | 1-14 | 15-24 | 25-65 | >65 | 7 | 1-14 | 15-24 | 25-65 | >65 |
| Chek | Сапаралиев Даниар | 2015/4/10 | Male | 27 | 6 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 |
| Chek | Дарбышев Раимберди | 2015/4/7 | Male | 42 | 16 | | | | 1 | | | 3 | 1 | 1 | |
| Chek | Жооруфов Курбанбек | 2015/4/9 | Male | 42 | 25 | | | 1 | 1 | | | 1 | 1 | 1 | |
| Chek | Эркебаев Ниязбек | 2015/4/9 | Male | 45 | 27 | | 1 | 1 | 1 | | | | 1 | 1 | |
| Chek | Сапаралиев Абдуманнон | 2015/4/7 | Male | 54 | 30 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 2 | 1 | 0 |
| Chek | Каримкусов Максат | 2015/4/5 | Male | 30 | 7 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 |
| Chek | Касимов Зайнидин | 2015/4/15 | Male | 45 | 28 | | | 2 | 1 | | | | 1 | 1 | |
| Chek | Шерматов Бахон | 2015/4/4 | Male | 50 | 22 | | 1 | 1 | 3 | 1 | | | 1 | 1 | |
| Chek | Шовруков Ысмоиали | 2015/4/3 | Male | 62 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 2 | 0 |
| Chek | Мирзакматов Сапарали | 2015/4/2 | Male | 59 | 0 | | | | 1 | | | | | 3 | |
| Chek | Закиров Абдижалил | 2015/4/2 | Male | 50 | 30 | | | | 2 | | | | | 3 | |
| Chek | Закиров Раимберди | 2015/4/3 | Male | 29 | 3 | | | | 1 | | | | 1 | | |
| Chek | Байзаков Садир | 2015/4/4 | Male | 62 | 37 | | | 1 | 1 | | | | 2 | 1 | |
| Chek | Кочкарова Салима | 2015/4/10 | Male | 47 | 27 | | | | | | | 1 | | 1 | |
| Chek | Матаева.А. | 2015/4/17 | Male | 43 | 20 | | | | 1 | | 1 | | | 1 | |
| Chek | Матаев Мамажахон | 2015/3/25 | Male | 55 | 35 | | 1 | 1 | 1 | | | | 1 | 1 | |
| Chek | Худайназаров Айтбай | 2015/3/25 | Male | 34 | 13 | | 1 | | 1 | | | | | 1 | |
| Chek | Айников Абди | 2014/3/26 | Male | 57 | 35 | | | | 2 | | | | | 2 | |
| Chek | Мотаев Каландар | 2014/3/27 | Male | 48 | 35 | 1 | | | 1 | | | | | 1 | |
| Chek | Матаев Касим | 2014/3/27 | Male | 62 | 35 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 2 | 0 |
| Chek | Бердибаев Саттар | 2015/3/28 | Male | 72 | 42 | | | | 1 | 1 | | 2 | | 1 | 1 |
| Chek | Коргонова Зоара | 2014/3/30 | Female | 57 | 37 | | 1 | 1 | | | | | 2 | | |
| Chek | Суйунов Имар | 2015/3/30 | Male | 62 | 35 | | | | 3 | | | | | 2 | |

| | | | | | | | | | | | | | | | |
|--------|---------------------|-----------|--------|----|----|---|---|---|---|---|---|---|---|---|---|
| Chek | Ражапов Абдумиталип | 2015/3/30 | Male | 44 | 15 | | | | 1 | | | 2 | 1 | 1 | |
| Chek | Ражапов Мурзафар | 2015/4/1 | Male | 52 | 10 | | 1 | | 2 | | | | | 2 | |
| Chek | Имаркулов Темирбек | 2014/4/1 | Male | 40 | 13 | | | 1 | 1 | | | 1 | | 1 | |
| Janjer | Артыков Мамаражап | 2015/3/24 | Male | 56 | | 1 | | | 2 | | | | 1 | 1 | |
| Janjer | Сабиров Абдиманнап | 2015/3/24 | Male | 57 | | 1 | 1 | 0 | 3 | 0 | 1 | 1 | 1 | 2 | 0 |
| Janjer | Эргешов Кадырали | 2015/3/25 | Male | 55 | | 2 | 0 | 1 | 1 | 0 | 1 | 1 | 2 | 2 | |
| Janjer | Осоров Назарали | 2015/3/25 | Male | 50 | | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 3 | 1 | 0 |
| Janjer | Сайданов Сражидин | 2015/3/25 | Male | 58 | 40 | 1 | 0 | 1 | 2 | 0 | 3 | 0 | 1 | 1 | 0 |
| Janjer | Мамбеков Замирбек | 2015/3/25 | Male | 57 | | | | | 2 | | 2 | | | 2 | |
| Janjer | Амиралиев Кзыбек | 2015/3/26 | Male | 54 | | 2 | | | 1 | | 1 | | 1 | 1 | |
| Janjer | Матаев Абдипатта | 2015/3/26 | Male | 53 | | | 1 | 3 | 1 | | 1 | | 1 | 1 | |
| Janjer | Жалдешбаева Гулмира | 2015/3/26 | Female | 35 | 7 | | 2 | | | | | | | 1 | |
| Janjer | Суюнов Абдиламит | 2015/3/26 | Male | 42 | 14 | 1 | | | 1 | | | 1 | | 1 | |
| Janjer | Астанакулов Зайнал | 2015/3/27 | Male | 57 | | 1 | | 1 | 1 | | 2 | | 1 | 1 | |
| Janjer | Токтомушев Имар | 2015/3/27 | Male | 67 | 20 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 0 | 1 | 1 |
| Janjer | Суранчиев Абдирашит | 2015/3/28 | Male | 58 | | 1 | | | 2 | | | | 1 | 1 | |
| Janjer | Чсонов Абдыганы | 2015/3/28 | Male | 53 | 33 | 2 | | 2 | 2 | | 1 | | | 2 | |
| Janjer | Султанов Дехконбай | 2015/3/29 | Male | 56 | 40 | 5 | | | 3 | | 2 | | 1 | 3 | |
| Janjer | Сапаров Абдикалык | 2015/3/29 | Male | 54 | 38 | 1 | | | 2 | | 1 | | 1 | 3 | |
| Janjer | Даминов Абдилаким | 2015/3/30 | Male | 56 | 10 | | | | 2 | | | | 1 | 2 | |
| Janjer | Акпаров Туратбек | 2015/3/30 | Male | 48 | 30 | 1 | | 1 | 2 | | | 3 | 1 | 1 | |
| Janjer | Эргешов Шукур | 2015/3/31 | Male | 56 | 39 | 1 | 0 | 0 | 2 | 0 | 0 | 1 | 1 | 1 | 0 |
| Janjer | Матаев Нурмакамат | 2015/3/31 | Male | 58 | 34 | 1 | 1 | 0 | 2 | 0 | 0 | 1 | 1 | 1 | 0 |
| Janjer | Маибеков Манзынбек | 2015/4/1 | Male | 54 | 35 | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 0 |
| Janjer | Мамбеков Исламали | 2015/4/2 | Male | 58 | 9 | | | | 2 | | | | 1 | 1 | |
| Janjer | Атабекова Зуура | 2015/4/2 | Female | 66 | 0 | | 1 | 1 | 1 | | | | 1 | 2 | |

| | | | | | | | | | | | | | | | |
|--------|----------------------|-----------|--------|----|----|---|---|---|---|---|---|---|---|---|---|
| Janjer | Сапаралиев Абдибаит | 2015/4/3 | Male | 53 | | | | 1 | 2 | | 2 | | 2 | 1 | |
| Janjer | Султанов Дыкенбай | 2015/4/6 | Male | 56 | 30 | 1 | | | 2 | | | | | 3 | |
| Janjer | Сабиров Абдилалим | 2015/4/6 | Male | 52 | 30 | | | 1 | 2 | | | | 1 | 2 | |
| Janjer | Мажитов Жалолдин | 2015/3/25 | Male | 45 | 20 | | | 2 | 1 | | | | | 1 | |
| Janjer | Качанов Кыдырали | 2015/3/25 | Male | 33 | 10 | | | | 1 | | 1 | | | 1 | |
| Janjer | Курбанов Нурлан | 2015/3/25 | Male | 30 | 10 | 1 | | | 1 | | 1 | | | 1 | |
| Janjer | Ниязалиев Заир | 2015/3/26 | Male | 51 | 30 | | | 1 | 1 | | | | 1 | 2 | |
| Janjer | Усенов Абдыганы | 2015/3/26 | Male | 49 | 30 | | 1 | 1 | 1 | | | | 1 | 1 | |
| Janjer | Мамбеков Мунсрбек | 2015/3/27 | Male | 49 | 30 | | 1 | | 1 | | | 1 | 2 | 1 | |
| Janjer | Ергешбай У.Бактыбек | 2015/3/27 | Male | 37 | 10 | 3 | 1 | | 1 | | | 1 | | 1 | |
| Janjer | Тажимаева Пайизбу | 2015/3/27 | Female | 40 | 20 | | | 1 | | | | 1 | 2 | 1 | |
| Janjer | Курбанбеков Пирмамыт | 2015/3/28 | Male | 55 | 35 | | | | 2 | | | 2 | | 1 | |
| Janjer | Назаров Жунусали | 2015/3/28 | Male | 48 | 20 | | 1 | 1 | 2 | | 1 | | 2 | 1 | |
| Janjer | Осоров Омурбек | 2015/3/29 | Male | 30 | 9 | 1 | 1 | | 1 | | 1 | | | 1 | |
| Janjer | Сарыбаев Султан | 2015/3/29 | Male | 48 | 20 | | | 1 | 1 | | 2 | 1 | | 1 | |
| Janjer | Точуев Ыснаыл | 2015/3/30 | Male | 57 | 35 | | | 1 | 2 | | | | 1 | 1 | |
| Janjer | Суйунова Ирсолт | 2015/3/30 | Female | 57 | 30 | | | | | | 3 | | 1 | 2 | |
| Janjer | Курбанов Маманазар | 2015/3/30 | Male | 73 | 40 | | | 1 | 2 | 1 | | | | 2 | |
| Janjer | Бабаев Жолдош | 2015/3/31 | Male | 44 | 20 | 1 | 1 | 1 | 1 | | 1 | 1 | | 1 | |
| Janjer | Жолдошов Рузукул | 2015/3/31 | Male | 30 | 15 | 2 | | | 1 | | | | | 1 | |
| Janjer | Топчуев Мелис | 2015/4/2 | Male | 32 | 7 | 2 | | | 1 | | 1 | | | 1 | |
| Janjer | Сабырова Сабахан | 2015/4/2 | Female | 45 | 25 | 2 | | 2 | | | 2 | 1 | 1 | 1 | |
| Janjer | Курбанов Аибхон | 2015/4/3 | Male | 41 | 15 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 0 |
| Janjer | Ботобаев Абдимитал | 2015/4/5 | Male | 57 | 35 | | | | 2 | | | | | 1 | |
| Janjer | Асанов Камалдин | 2015/4/5 | Male | 61 | 35 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 1 | 0 |
| Cheker | Боронов Калык | 2015/3/31 | Male | 42 | 20 | | | 2 | 1 | | | | 1 | 1 | |

| | | | | | | | | | | | | | | | |
|------|-----------------------------|---------------|------------|----|----|---|---|---|---|---|---|---|---|---|---|
| Chek | Тажобаев Осмон.Ж | 2015/3 /23 | Male | 50 | 25 | | | | 3 | | | 1 | 1 | 1 | |
| Chek | Закиров Атабай | 2015/3 /27 | Male | 43 | 22 | | | 2 | 1 | | | | 1 | 1 | |
| Chek | Шаймарданкуло в Батырбек | 2015/3 /28 | Male | 48 | 25 | | | | 3 | | | | 2 | 1 | |
| Chek | Микбаев Муратали | 2015/3 /28 | Male | 37 | 15 | 1 | 2 | 2 | 1 | 0 | 0 | 0 | 0 | 1 | |
| Chek | Мурзаиматов Койчуман | 2015/3 /29 | Male | 59 | 40 | | | 2 | 1 | | | | | 4 | |
| Chek | Бибабаев Талаитбек | 2015/3 /28 | Male | 39 | 16 | 1 | | 2 | 1 | | | | 1 | 1 | |
| Chek | Кудайназаров Муса | 2015/3 /30 | Male | 65 | 40 | | | | 2 | | | | | 5 | |
| Chek | Бибабаев Абдиела | 2015/3 /29 | Male | 60 | 30 | | | 1 | 3 | | | | | 5 | |
| Chek | Убраимова Шаадат | 2015/3 /30 | Fem ale | 60 | 35 | | | | 4 | | | | 1 | 2 | |
| Chek | Камалов Аратбай | 2015/3 /30 | Male | 67 | 10 | | | | 4 | | | | | 2 | |
| Chek | Мирзаева Наколай | 2015/3 /30 | Fem ale | 49 | 23 | | | 3 | 1 | | | | | 2 | |
| Chek | Осоров Муратали | 2015/3 /30 | Male | 41 | 20 | 1 | 0 | 0 | 1 | 0 | 2 | 2 | 1 | 1 | |
| Chek | Тулатов Рахимбек | 2015/3 /30 | Male | 65 | 15 | 1 | 1 | 1 | 2 | 0 | 0 | 1 | 0 | 2 | 0 |
| Chek | Хакимов Исроил | 2015/3 /30 | Male | 66 | 50 | 0 | 0 | 0 | 3 | 1 | 0 | 0 | 1 | 3 | 0 |
| Chek | Шаймарданкуло в Бурхан | 2015/5 /30 | Male | 82 | 25 | | 2 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 0 |
| Chek | Менбаев Кулитар | 2015/4 /1 | Male | 34 | 15 | 2 | 1 | | 1 | | 0 | 1 | 0 | 1 | 0 |
| Chek | Сапарбаев Эргешбай | 2015/3 /24 | Male | 40 | 20 | 2 | 1 | 0 | 1 | 0 | 0 | 2 | 0 | 1 | 0 |
| Chek | Мурзаев Абатбек | 2015/3 /28 | Male | 42 | 20 | 0 | 0 | 1 | 1 | 0 | 0 | 2 | 0 | 1 | 0 |
| Chek | Айипов Жунус | 2014/3 /28 | Male | 43 | 22 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 3 | 1 | 0 |
| Chek | Орманов Жапар | 2015/3 /31 | Male | 32 | 13 | 1 | | | 1 | | | 2 | | 1 | |
| Chek | Сыдыков Сатыбалды | 2015/3 /30 | Male | 64 | 35 | | | | 3 | | | | | 3 | |
| Chek | Зайналов Акбарали | 2015/3 /1 | Male | 58 | 25 | | | | 2 | | | | 2 | 4 | |
| Chek | Анапиясов Сулайман | 2015/3 /1 | Male | 42 | 20 | | | | 2 | | | | | 1 | |
| Chek | Сейдахматов Сабыр | 2015/4 /1 | Male | 32 | 12 | 1 | 2 | | 2 | | 1 | | | 1 | |
| Chek | Келдибекова Сарбарпи | 2015/3 /23 | Fem ale | 48 | 25 | 0 | 1 | 2 | 1 | 0 | 0 | 0 | 0 | 1 | 0 |
| Chek | Келдибеков Абдурасил | 2015/4 /15 | Male | 52 | 22 | 0 | 1 | 1 | 2 | 0 | | | | | |

| | | | | | | | | | | | | | | | |
|------|--------------------------|---------------|------------|----|----|---|---|---|---|---|---|---|---|---|---|
| Chek | Ниязалиев Ашурали | 2015/4 /9 | Male | 46 | 12 | 1 | 1 | 1 | 1 | | | | | 1 | |
| Chek | Ниязалиев Таир | 2015/4 /10 | Male | 55 | 29 | | | 1 | 1 | | | | | 3 | |
| Chek | Ишраев Билимбек | 2015/4 /11 | Male | 30 | 10 | 1 | | | 2 | | 1 | | | 1 | |
| Chek | Рысов Азаматбек | 2015/3 /24 | Male | 43 | 24 | | | 1 | 1 | | 1 | 1 | 2 | 1 | |
| Chek | Ниязалиев Сапарали | 2015/4 /1 | Male | 38 | 13 | 1 | 0 | 0 | 1 | 0 | 2 | 1 | 0 | 1 | 0 |
| Chek | Эрнебаев Абдивали | 2015/4 /8 | Male | 46 | 25 | | | 1 | 1 | 1 | | | | 1 | 1 |
| Chek | сапарбаев Жусупбек | 2015/4 /13 | Male | 40 | 15 | 2 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 0 |
| Chek | Рахманова Санатор | 2015/4 /15 | Male | 39 | 10 | 0 | 0 | 1 | 1 | | 0 | 0 | 0 | 1 | 0 |
| Chek | Бийбабаев Абдилазиз | 2015/4 /10 | Male | 54 | 33 | | | | 3 | | | | 2 | 1 | |
| Chek | Самидинова Савринса | 2015/4 /7 | Male | 59 | 27 | | | | 3 | | | 1 | 1 | 2 | |
| Chek | Абдрахманова Айымбубу | 2015/3 /25 | Fem ale | 49 | 30 | | | 1 | 1 | | | | | 1 | |
| Chek | Ташбекова Кыймат | 2015/3 /24 | Fem ale | 41 | 15 | | | | | | 1 | 0 | 2 | | |
| Chek | Исираев Жаныбек | 2015/4 /6 | Male | 50 | 20 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 1 | 0 |
| Chek | Гапыров Токтогул | 2015/4 /5 | Male | 58 | 25 | 0 | 0 | 2 | 2 | 0 | 0 | 0 | 2 | 1 | 0 |
| Chek | Маматумарова Айинса | 2015/4 /7 | Fem ale | 48 | 31 | | | | | | 0 | 0 | 1 | 3 | 0 |
| Chek | Ташбаев Мовлян | 2015/4 /9 | Male | 75 | 50 | | | | 4 | 1 | | | | 7 | 1 |
| Chek | Жолдошов Ташимбек | 2014/4 /9 | Male | 61 | 41 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 0 |
| Chek | Бусанов Рустамжан | 2015/4 /7 | Male | 41 | 20 | 0 | 2 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 0 |
| Chek | Сатарова Зрапат | 2015/4 /11 | Male | 53 | | | | | 3 | 0 | | | | 1 | 0 |