**READZ COMMUNITY SURVEY DUMMY TABLES**

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| --- | --- | --- |
| **C101** | # of villages formed | % of villages formed |
| Less than 10 years ago | 0 | 0 |
| 10-19 years ago | 0 | 0 |
| 20-29 years ago | 0 | 0 |
| 30-49 years ago | 4 | 5.33 |
| 50-100 years ago | 9 | 12 |
| More than 100 years ago | 62 | 82.67 |

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| **C102-105** | 10 yrs ago | 5 yrs ago | Now |
| # HH (total) | 18694 | 21985 | 25885 |
| # HH (mean per village) | 249.25 | 293.13 | 345.13 |
| # inward migrant HH (total) | na | na | 469  (during the past 5 yrs) |
| # inward migrant HH (mean per village) | na | na | 6 |
| Inward migrant HH as % resident HH | na | na | 1.81 |
| # outward migrant HH (total) | na | na | 315  (during the past 5 yrs) |
| # outward migrant HH (mean per village) | na | na | 4 |
| Outward migrant HH as % resident HH | na | na | 1.22 |
| # Landed HH (total) | na | na | 13384 |
| # Landed HH (mean per village) | na | na | 178 |
| Landed HH as % resident HH | na | na | 51.71 |

Note: na means that no information is available from the data set

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| **C106** | 2012 | 2014 | 2016 |
| # of HH with migrant (total) | 3497 | 4202 | 4829 |
| # of HH with migrant (mean per village) | 47 | 56 | 64 |
| HH with migrant as % resident HH | 15.89 | 17.74 | 19.33 |

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| --- | --- | --- | --- |
| **C201** | Primary | Junior 2ndry | Upper 2ndry |
| # villages with… school | 49 | 30 | 12 |
| % villages with… school | 65.33 | 40 | 16 |
| Mean year … school first opened | 1971 | 2007 | 1999 |

|  |  |  |
| --- | --- | --- |
| **C301.village with primary access** | # villages | % villages |
| Road | 72 | 96 |
| Waterway | 0 | 0 |
| Railway | 1 | 1.33 |
| Other | 2 | 2.67 |

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| --- | --- | --- | --- | --- | --- |
| **C302-310** | Budalin | Magway | Pwintbyu | Myittha | All |
| # of villages with paved road in… | 20 | 19 | 15 | 2 | 56 |
| % of villages with paved road in… | 76.92 | 73.08 | 78.95 | 50 | 74.67 |
| Mean year road received (for villages w/ this info) | 1998 | 1971 | 1956 | 1944 | 1975 |
| Mean distance (miles) to nearest paved road (for villages w/o paved road) | 5 | 4.43 | 5 | 7.5 | 5.05 |
| # villages accessible by car in dry season | 26 | 26 | 19 | 4 | 75 |
| % villages accessible by car in dry season | 100 | 100 | 100 | 100 | 100 |
| # villages accessible by car in monsoon season | 20 | 19 | 14 | 2 | 55 |
| % villages accessible by car in monsoon season | 76.92 | 73.08 | 73.68 | 50 | 73.33 |
| # villages with public electricity | 11 | 7 | 8 | 0 | 26 |
| % villages with public electricity | 42.31 | 26.92 | 42.11 | 0 | 34.67 |
| Mean year electricity received (for villages w/ this info) | 2010 | 1991 | 1991 |  | 1999 |
| Mean # of HH with electricity (for villages w/ this info) | 279.36 | 287 | 264.25 |  | 276.77 |
| % of HH with electricity (for villages w/ this info) | 75.61 | 61.68 | 49.24 |  | 63.75 |
| # villages with electricity community paid for transformer(for villages w/ this info) | 10 | 6 | 6 | 0 | 22 |
| % villages with electricity community paid for transformer(for villages w/ this info) | 38.46 | 23.08 | 31.58 | 0 | 29.33 |

**C400-401**

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| --- | --- |
| Mean distance to nearest town (miles) | 11.47 |
| Mean distance to nearest city (miles) | 27.36 |

**C402-405**

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| --- | --- | --- | --- | --- | --- | --- |
| Mode of transport | Hours to reach in dry season now | Hours to reach in dry season 5 yrs ago | Change 5yrs-now | Hours to reach in monsoon now | Hours to reach in monsoon 5 yrs ago | Change 5yrs-now |
| **Nearest town** | | | | | | |
| Motocycle | 0.74 | 0.9 |  | 1.05 | 1.16 |  |
| Ox Cart |  | 2.18 |  |  | 3 |  |
| Trawelerji | 0.83 | 1 |  | 1 | 1 |  |
| Boat |  |  |  |  |  |  |
| Bus | 1.15 | 1.23 |  | 1.36 | 1.48 |  |
| Car | 0.74 | 1.07 |  | 2.74 | 2.74 |  |
| Bicycle |  | 1.71 |  |  | 2.55 |  |
| Truck | 1.28 | 1.43 |  | 3.63 | 4.18 |  |
| Other | 1.58 | 2.96 |  | 1.39 | 2.89 |  |
| **Nearest city** | | | | | | |
| Motocycle | 1.46 | 1.74 |  | 1.98 | 2.39 |  |
| Ox Cart |  |  |  |  |  |  |
| Trawelerji |  |  |  |  |  |  |
| Boat | 0.5 |  |  | 0.75 |  |  |
| Bus | 1.91 | 2.43 |  | 2.21 | 2.85 |  |
| Car | 1.38 | 1.46 |  | 2.98 | 3.03 |  |
| Bicycle |  |  |  |  |  |  |
| Truck | 1.58 | 1.89 |  | 3.62 | 3.89 |  |
| Other | 2.33 | 2.78 |  | 1.36 | 2.6 |  |

Note: values for villages with information only.

Observation # changes by years, thus changes between five years are not provided here.

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| **C510-520** | Dam | River pumping | Pvt. Tubewell | Public Tubewell | Comm. Tubewell |
| # villages with | 26 | 8 | 5 | 2 | 4 |
| % villages with | 34.67 | 10.67 | 6.67 | 2.67 | 5.33 |
| Mean yr received | 1940 | 2005 | 2007 | 2000 | 2011 |
| Med. yr received | 1915 | 2006 | 2007 | 2000 | 2012 |
| # HH with access now | 3045 | 485 | 129 | 35 | 96 |
| # HH with access 5yrs ago | 2930 | 580 | 90 | 30 | 33 |
| % HH with access now | 35.17 | 28.36 | 17.64 | 15.45 | 7.41 |
| % HH with access 5yrs ago | 40.13 | 32.56 | 13.89 | 15.79 | 3.26 |
| % change 5yrs-now | -10.09 | -10.17 | 29.89 | -13.64 | 81.16 |

Note: % change 5yrs-now is negative or HH # with access in 5yrs ago is larger is because total HH # in 5yrs ago is fewer

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| **D103-106** | 2016 | 2014 | 2012 |
| % of village with HH growing paddy | 64 | 65.33 | 65.33 |
| Total HH # growing monsoon season paddy | 6154 | 5983 | 5895 |
| % of HH growing monsoon season paddy | 35.67 | 37.22 | 39.72 |
| Mean area under monsoon season paddy, all villages w/ zero areas | 400 | 395 | 389 |
| Mean area under monsoon season paddy, villages w/ monsoon paddy only | 625 | 604 | 595 |
| Total area under monsoon season paddy(acres) | 30023 | 29614 | 29152 |
| Total HH # growing dry season paddy | 1029 | 1348 | 1424 |
| % of HH growing dry season paddy | 9.21 | 11.23 | 12.78 |
| Mean area under dry season paddy, all villages w/ zero areas | 34 | 49 | 47 |
| Mean area under dry season paddy, villages w/ dry paddy only | 105 | 146 | 148 |
| Total area under dry season paddy(acres) | 2520 | 3662 | 3551 |

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| **D107a-c** | Groundnut | Green gram | Sesame |
| Most commonly grown (# villages) | 19 | 4 | 51 |
| Most commonly grown (% villages) | 25.68 | 5.41 | 68.92 |
| # of villages growing in 2016 | 19 | 4 | 50 |
| % of villages growing in 2016 | 25.68 | 5.41 | 67.57 |
| # of villages growing in 2014 | 19 | 4 | 50 |
| % of villages growing in 2014 | 25.68 | 5.41 | 67.57 |
| # of villages growing in 2012 | 19 | 4 | 50 |
| % of villages growing in 2012 | 25.68 | 5.41 | 67.57 |

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| **D108-109** | 2016 | 2014 | 2012 |
| Total HH # growing Most commonly grown crop | 10927 | 10608 | 10053 |
| % of HH growing Most commonly grown crop | 45.72 | 48.66 | 50.34 |
| Mean area land under most commonly grown crop, w/ all villages | 852 | 824 | 808 |
| Mean area land under most commonly grown crop, w/ villages grow \*\*crop\*\* only | 875 | 846 | 831 |
| Total area under most commonly grown crop(acres) | 63891 | 61768 | 60636 |

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| **D201a-202c** | 2016 | 2014 | 2016 |
| # of paddy growing villages using draft for paddy land prep | 46 | 49 | 49 |
| % of paddy growing village using draft for paddy land prep | 95.83 | 100 | 100 |
| # of non-rice crop growing villages using draft for non-rice crop land prep | 59 | 59 | 59 |
| % of non-rice crop growing village using draft for non-rice crop land prep | 80.82 | 80.82 | 80.82 |
| **D203a-D208** |  |  |  |
| Total HH # using draft for paddy land prep | 5533 | 5750 | 5817 |
| % of farming HH using draft for paddy land prep | 34.89 | 36.27 | 40.03 |
| Mean area per village of paddy land prepared with draft, all villages | 352 | 357 | 350 |
| Mean area per village of paddy land prepared with draft, villages w/ info only | 574 | 547 | 535 |
| Total area of paddy land prepared with draft | 26402 | 26806 | 26215 |
| Total HH # using draft for non-paddy crop land prep | 8042 | 8390 | 8216 |
| % of farming HH using draft for non-paddy crop land prep | 43.48 | 47.96 | 51.08 |
| Mean area per village of non-paddy crop land prepared with draft, all villages | 639 | 662 | 689 |
| Mean area per village of non-paddy crop land prepared with draft, villages w/ info only | 813 | 841 | 876 |
| Total area of paddy land prepared with draft | 47953 | 49627 | 51670 |

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| **D301** | 2016 | 2014 | 2016 |
| # of paddy farming villages using combine for paddy harvest | 23 | 8 | 2 |
| % of paddy farming villages using combine for paddy harvest | 47.92 | 16.33 | 4.08 |
| **D303-4** | **Monsoon** | | |
| Total HH # using combine for paddy harvest | 1298 | 246 | 103 |
| % of farming HH using combine for paddy land prep | 12.54 | 15.69 | 13.15 |
| Mean area harvested using combines, all villages | 81 | 22 | 3 |
| Mean area harvested using combines, villages w/ info only | 289 | 281 | 108 |
| Total area harvested using combines | 6076 | 1685 | 215 |
| **D307-8** | **Dry Season** | | |
| Total HH # using combine for paddy harvest | 683 | 228 | 150 |
| % of farming HH using combine for paddy land prep | 9.56 | 16.41 | 17.86 |
| Mean area harvested using combines, all villages | 21 | 11 | 5 |
| Mean area harvested using combines, villages w/ info only | 143 | 285 | 350 |
| Total area harvested using combines | 1577 | 856 | 350 |

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| **D309-311** | 2016 | 2014 | 2012 |
| Cost/acre for harvesting monsoon paddy by combine, all villages | 14867 | 3867 | 1200 |
| Cost/acre for harvesting monsoon paddy by combine, villages w/ info only | 53095 | 48333 | 45000 |
| Cost/acre for harvesting dry season paddy by combine, all villages | 8600 | 2067 | 533 |
| Cost/acre for harvesting dry season paddy by combine, villages w/ info only | 58636 | 51667 | 40000 |
| Distance (miles) to nearest combine rental service, for villages harvest paddy with a combine harvester only | 85.87 | 121.43 | 3.5 |

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| **D312** | Individual | Group | Owner | Other |
| How did farmers hire combine in 2016 (%) | 13.04 | 60.87 | 26.09 | 0 |
| How did farmers hire combine in 2014 (%) | 12.5 | 50 | 25 | 12.5 |
| How did farmers hire combine in 2012 (%) | 50 | 0 | 50 | 0 |

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| **D401-404** | 2016 | 2014 | 2012 |
| Average daily wage (men) | 4209 | 3026 | 2183 |
| Average daily wage (women) | 3446 | 2532 | 1749 |
| Labor cost harvesting acre of monsoon paddy | 37729 | 28010 | 20473 |
| Labor cost threshing acre of monsoon paddy | 24052 | 18504 | 13566 |

Note: Total labor costs include values of villages with people growing monsoon paddy only

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| **D502-509** | 2016 | 2014 | 2012 |
| % of paddy farming villages where majority of farmers hired harvesting labor directly | 50.67 | 50.67 | 50.67 |
| % of paddy farming villages where majority of farmers hired labor thru broker | 42.67 | 44 | 44 |
| % of paddy farming villages where majority of farmers hired labor directly & thru broker | 6.67 | 5.33 | 5.33 |
| % of farmers giving advance payment for harvesting main monsoon crop | 11.52 | 12.17 | 13.4 |
| Mean days waited to hire 10 men in monsoon harvesting season | 8.16 | 8. | 7.29 |
| Mean days waited to hire 10 women in monsoon harvesting season | 8.17 | 7.95 | 7.32 |
| Mean days waited by men to find work in monsoon harvesting season | .29 | .2 | .17 |
| Mean days waited by women to find work in monsoon harvesting season | .29 | .2 | .17 |

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| **E1** | # of villages with …. | % of villages with …. | Total number of … in 2016 | Total number of … in 2011 | Total number of … in 2006 | Mean number of … in 2016 | Mean number of … in 2011 | Mean number of … in 2006 |
| Rice mill (Huller) | 22 | 29.33 |  |  |  |  |  |  |
| Oil mill (Small) | 31 | 41.33 |  |  |  |  |  |  |
| Thresher (Peanut) | 23 | 30.67 |  |  |  |  |  |  |
| Thresher (Paddy & Pulses) | 37 | 49.33 |  |  |  |  |  |  |
| Households with two wheel tractors for hire | 44 | 58.67 |  |  |  |  |  |  |
| Households with four wheel tractors for hire | 53 | 70.67 |  |  |  |  |  |  |
| Households with combine harvesters for hire | 2 | 2.67 |  |  |  |  |  |  |
| Households with trawlerji for hire | 37 | 49.33 |  |  |  |  |  |  |
| Truck transport services for hire | 52 | 69.33 |  |  |  |  |  |  |
| Tree nursery | 4 | 5.33 |  |  |  |  |  |  |
| Fish farm | 2 | 2.67 |  |  |  |  |  |  |
| Commercial Melon Farm | 7 | 9.33 |  |  |  |  |  |  |
| Piglet rearing | 24 | 32 |  |  |  |  |  |  |
| Bee keeping | 2 | 2.67 |  |  |  |  |  |  |
| Agricultural inputs shop | 16 | 21.33 |  |  |  |  |  |  |

Note: variables e102\* are missing in the MAIN\_merged.dta file

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **E2** | # of villages with …. | % of villages with …. | Total number of … in 2016 | Total number of … in 2011 | Total number of … in 2006 | Mean number of … in 2016 | Mean number of … in 2011 | Mean number of … in 2006 |
| Rice mill (medium/large) | 42 | 56 |  |  |  |  |  |  |
| Oil mill (Medium/Large) | 72 | 96 |  |  |  |  |  |  |
| Agricultural machinery supplier | 68 | 90.67 |  |  |  |  |  |  |

Note: variables e104\* are missing in the MAIN\_merged.dta file

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| **F100** | # villages | % villages |
| Villages with farms operated by outsiders | 22 | 29.33 |

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| **F101-102, Only for villages with farms operated by outsiders** | Now | 5 yrs ago |
| Observations (N) | 22 | 14 |
| Total # farms operated by outsiders | 475 | 456 |
| Mean # farms/village operated by outsiders | 22 | 33 |
| Total area land operated by outsiders | 2964 | 1900 |
| Mean area land operated by outsiders | 135 | 136 |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **F103** | **Frequency of ranking NOW** | | | | | | | |
|  | Melon | Cucumber | Bottle gourd | Sweet corn | Other vegetables | Groundnut | Paddy | Other |
| Rank 1 | 5 |  |  |  |  | 6 | 3 | 8 |
| Rank 2 |  | 1 |  |  |  |  | 2 | 3 |
| Rank 3 |  |  |  |  |  |  |  | 2 |
| Rank 4 |  |  |  |  |  |  |  |  |
|  | **Frequency of ranking 5 yrs ago** | | | | | | | |
| Rank 1 | 2 |  |  |  |  | 4 | 4 | 4 |
| Rank 2 |  | 1 |  |  |  |  | 1 | 3 |
| Rank 3 |  |  |  |  |  |  |  | 1 |
| Rank 4 |  |  |  |  |  |  |  |  |

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| **F104, for villages with ag. land operated by people outside the village** | Total # of farm operators from … | % of farm operators from … |
| Mandalay | 2 | 9.09 |
| Magwe | 2 | 9.09 |
| Monywa | 0 | 0 |
| China | 3 | 13.64 |
| Nearby village | 12 | 54.55 |
| Other | 3 | 13.64 |
| Don’t know | 0 | 0 |

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| --- | --- | --- |
| **G100-101** | # of villages EVER access credit from … | % of villages EVER access credit from … |
| Myanmar Ag. Dev. Bank | 73 | 97.33 |
| Private banks | 0 | 0 |
| Micro finance inst./NGOs | 21 | 28 |
| Cooperatives | 68 | 90.67 |
| Revolving fund | 18 | 24 |
| Private money lenders | 13 | 17.33 |
| Gold shop/pawn shop | 11 | 14.67 |
| Ag. produce traders | 4 | 5.33 |
| Friends/Relatives | 52 | 69.33 |
| Other | 10 | 13.33 |

Note: variables g102\*-g107\* are missing in the MAIN\_merged.dta file

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **H** | # of villages with… In last 10 yrs | % of villages with… In last 10 yrs | Total # of …. NOW | Total # of …. 5 yrs ago | Total # of …. 10 yrs ago | Mean # of …. Per village NOW | Mean # of …. Per village 5 yrs ago | Total # of …. Per village 10 yrs ago |
| Village shop (food, soap, etc) | 73 | 97.33 |  |  |  |  |  |  |
| Electronic shop | 10 | 13.33 |  |  |  |  |  |  |
| Hardware shop | 10 | 13.33 |  |  |  |  |  |  |
| Paddy Trader | 3 | 4 |  |  |  |  |  |  |
| Pulses/oilseeds trader | 2 | 2.67 |  |  |  |  |  |  |
| Vegetables/fruits trader | 20 | 26.67 |  |  |  |  |  |  |
| Livestock, poultry or meat trader | 14 | 18.67 |  |  |  |  |  |  |
| Timber/bamboo seller | 8 | 10.67 |  |  |  |  |  |  |
| Charcoal/firewood selling | 8 | 10.67 |  |  |  |  |  |  |
| Teashop | 0 | 0 |  |  |  |  |  |  |
| Betel nut kiosk | 13 | 17.33 |  |  |  |  |  |  |
| Prepared food stall (mohinga, bbq, snacks) | 61 | 81.33 |  |  |  |  |  |  |
| Restaurant/bar | 34 | 45.33 |  |  |  |  |  |  |
| Bus/minibus/car taxi service | 5 | 6.67 |  |  |  |  |  |  |
| Motorcycle taxi service | 34 | 45.33 |  |  |  |  |  |  |
| Horsecart/bullock cart taxi service | 16 | 21.33 |  |  |  |  |  |  |
| Carpenter/mason | 7 | 9.33 |  |  |  |  |  |  |
| Thatcher/mat making | 59 | 78.67 |  |  |  |  |  |  |
| Weaver/spinning | 4 | 5.33 |  |  |  |  |  |  |
| Metal worker (blacksmith, tinsmith) | 12 | 16 |  |  |  |  |  |  |
| Other handicraft production | 13 | 17.33 |  |  |  |  |  |  |
| Ceremony decoration/music service | 5 | 6.67 |  |  |  |  |  |  |
| Hairdresser/beauty saloon | 32 | 42.67 |  |  |  |  |  |  |
| Construction business owner | 34 | 45.33 |  |  |  |  |  |  |
| Mechanic | 5 | 6.67 |  |  |  |  |  |  |
| Phone service/internet cafe | 24 | 32 |  |  |  |  |  |  |
| Labor broker | 2 | 2.67 |  |  |  |  |  |  |
| Other | 9 | 12 |  |  |  |  |  |  |

Note: variables h102\* are missing in the MAIN\_merged.dta file

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| --- | --- | --- | --- | --- | --- |
| **I** | # of villages with… association | % of villages with… association | Mean year …. association established | Total # of …. association members | Mean # of … association members per village (No Zeros) |
| Central Cooperative Society | 11 | 14.67 |  |  |  |
| NGO farmer group | 3 | 4 |  |  |  |
| Myanmar Farmers' Association | 0 | 0 |  |  |  |
| Ag. and Farmers' Federation | 0 | 0 |  |  |  |
| Sector organizations (rice federation, livestock federation, etc) | 1 | 1.33 |  |  |  |
| Other | 6 | 8 |  |  |  |

Note: variables i102\*-i103\* are missing in the MAIN\_merged.dta file