



International Fund for Agricultural Development (IFAD)
Assisted
Jharkhand Tribal Empowerment and Livelihoods Project
(JTELP)



ANNUAL OUTCOME SURVEY

2018

Jharkhand Tribal Development Society

(Department of Welfare, Govt. of Jharkhand)

Dr. Ramdayal Munda Tribal Welfare Research Institute Campus, Tagore Hill Road,

Morabadi, Ranchi – 834008, Phone + Fax No. : 0651-2552088, E-mail : spd.jtlds@gmail.com,

Website : www.jtlds.in, www.jtldsjharkhand.com

1. Background:

Introduction: Removing rural poverty is the key challenge before Jharkhand. Poverty is highest among the Scheduled Tribes (STs) in Jharkhand. Besides strengthening community-based institutions and improving natural resource management, the Jharkhand Tribal Empowerment and Livelihood Project (JTELP) will emphasize productivity enhancement and up-scaling of proven, market-oriented production activities. JTELP will foster convergence with the on-going Tribal and rural development programmes of the Govt. of India and Govt. of Jharkhand.

Project Objective: Improve the living conditions of tribal people in general and PTGs in particular, covering select Panchayats in tribal majority blocks of all the TSP districts of Jharkhand by empowering the local community and by promoting sustainable improvement for livelihood security and to improve general quality of life of the tribal and other poor families.

Project area:

Project interventions has been implemented in Ranchi, Khunti, Gumla, Simdega and Lohardaga districts in Ranchi Division, West Singhbhum, East Singhbhum and Saraikela-Kharsawan districts in Kolhan Division, Latehar in Palamau Division and Godda, Dumka, Pakur, Sahebganj and Jamtara in Santhal Pargana Division. These are all Integrated Tribal Development Agency (ITDA)/Tribal Sub-plan (TSP) districts. Within these districts the blocks (sub-districts) and Panchayats that have rural tribal population of more than 50% have been chosen for intervention.

Target Population

Overall, the project is covering about 2, 15,000 households, in 1,781 villages in 32 blocks falling under 14 TSP districts. While working with all households in project villages, STs targeting has been ensured by choosing Panchayats with higher ST concentration. At least 10% households have been from the Particularly Vulnerable Tribal Groups (PTGs) as they are poorest even among the STs. The project target groups were included tribal households, including almost 10,000 particularly vulnerable Tribal Groups (PTGs) households.

2. ANNUAL OUTCOME SURVEY 2017

As per IFAD Guideline, Annual Outcome Survey is to conduct every year for monitoring outcome level result and effectiveness of project implementation. For year 2018, AOS has been carried out during the period December-2018 – January2019.

Objectives of Annual Outcome Survey:-

- (i) To measure changes happening at the household level in teams of livelihoods and food security during the project life
- (ii) To assess targeting efficiency
- (iii) To provide evidence of project success or failure
- (iv) To provide timely performance information necessary to undertake corrective actions.

3. AOS Training:-

The training-workshop on Annual Outcome Survey took place on November 2018; in which as resource persons Dr. V. Darlong (IFAD-Consultant), Mr. A. Marbaniang (NERCOMP) and Mr. F. Behabtu from IFAD also participated. The training-workshop was attended by all key staffs of JTDS and FNGO.

2nd round of refresher training was organised in the month of December 2018 to finalise the questionnaire and schedule of the survey at Conference-hall of Jharkhand Tribal Development Society – SPMU, Morabadi, Ranchi in which all the PM&EOs of different districts participated.

4. Sample Selection:-

Sampling frame - As per technical guideline of IFAD, sample household survey has been undertaken **by field enumerators of Partner FNGO**, (who was the participant in the district level AOS training) and has been covered a small sample of 510 households (90 villages, 5-7 households/village) selected randomly (using stratified random method) of all the villages targeted by JTELP and control villages nearby geographical local of the JTELP villages. 301 hh were surveyed from the treatment villages from JTELP and 209 hh were surveyed from the control villages which were having almost similar number of tribal households as that of treatment villages.

Survey sample (District wise):

District	Block	Treatment		Control	
		Total		Villages	HH
		Villages	HH		
West Singbhum	Khuntpani	2	10	1	7
	Sonua	2	10	1	7
	Tonto	2	10	1	7
Saraikela Kharsawan	Rajnagar	2	10	1	7
	Kuchai	2	10	1	7
	Saraikela	2	11	1	7
East Singbhum	Dumaria	2	10	1	7
	Potka	2	10	1	7
Khunti	Erki	2	10	1	7
	Karra	2	10	1	7
Ranchi	Bundu	2	10	1	7
	Tamar	2	10	1	7
Lohardaga	Bhandra	2	10	1	7
	Kairo	2	10	1	7
Gumla	Sisai	3	10	1	7
	Verno	2	10	1	7
Simdega	Simdega	2	10	1	7
	Kurdeg	2	10	1	7
Latehar	Manika	2	10	1	7
	Barwadih	2	10	1	7
Dumka	Masalia	2	10	1	7
	Gopikandar	2	10	1	7
Godda	Sundar Pahari	2	10	1	7
	Boarijor	2	10	1	7
	Borio	2	10	1	7
Sahibganj	Taljhari	2	10	1	7
	Littipara	2	10	1	6
Pakur	Amrapara	2	10	1	7
	Jamtara	2	10	1	7
Jamtara	Phatepur	2	10	1	7
	Total	60	301	30	209

5. Data Collection:-

Data collection done by field enumerators of Partner FNGO staffs and DPMU staffs from the Household on sample basis:

The respondent was the head of household or any person designated by him/her. If there was no respondent in the household (e.g. head of household is absent and the other people do not want to respond), then team proceeded to the next selected household.

6. Data Entry and Analysis:-

An *Excel Master sheet file* has provided to facilitate data entry and data analysis to all 14 DPMUs (Ranchi, Latehar, Khunti, Dumka, Pakur, Godda, Saihabganj, Jamtara, Sarikella Kharsawa, East Singbhum, West Singbhum, Simdega, Gumla, Lohardaga). In the *database*, each row corresponded to a household (i.e. a questionnaire), and each column corresponded to a variable (i.e. a question).

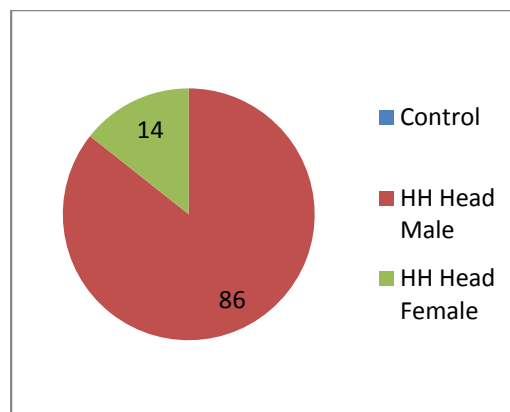
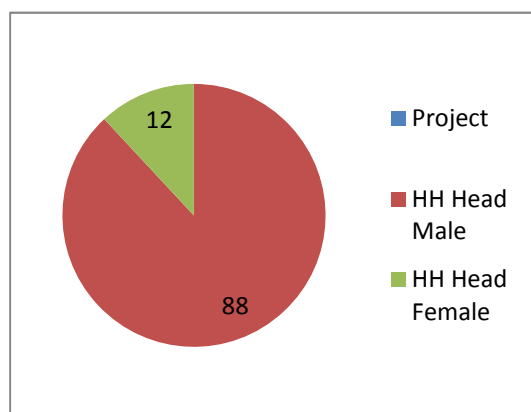
The data has included *beneficiaries and non-beneficiaries* households since the selection of the households in the villages has been done randomly on all the households living in the village.

The results have been *compared from year to year* even though the same households will not be surveyed each year.

SURVEY FINDINGS:-

7. DEMOGRAPHY & INCOME GROUPS:

In the sampled households; 88% household are headed by male in project villages and 86% in control villages, whereas 12% households are headed by female in project and 14% in control villages. As per baseline, percentage of women headed households is 6%.



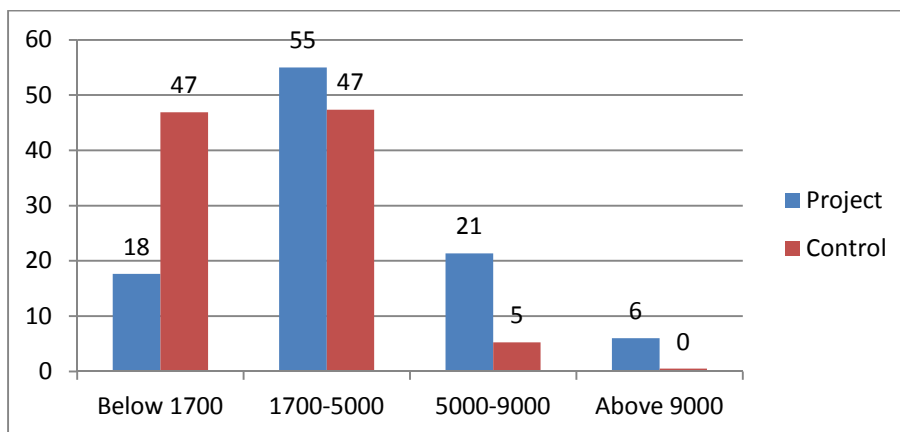
Caste wise representation of the respondent:

Category	Project		Control	
	No. of HH	%	No. of HH	%
ST	285	94.68	188	89.95
SC	4	1.33	6	2.87
PVTG	11	3.65	1	0.48
OBC	1	0.33	12	5.74
Gen			2	0.96
Total	301		209	

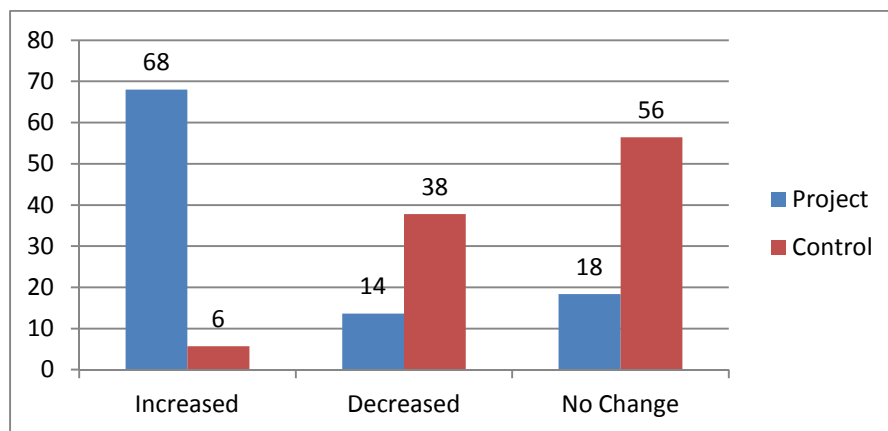
In project village's 18% respondent told that they have monthly average income below Rs.1700/- where as in control villages 47% respondent told the same. 55% of the household is having income of Rs. 1701-5000 in project villages and control villages it is 47%. 21% of project villages reported income of Rs. 5001-9000 and only 5% of control village reported same. 6% hh reported income of more than Rs.9000 in project villages and only one hh reported the same in control village.

Average yearly income of the respondent in project villages was Rs.59680/- whereas in control villages it was Rs.23274/-. In comparison with previous year in project villages

average annual income was increased by Rs.5974/- and in control villages it was decreased by Rs.1859/-.



In project villages 68% reported increase in income whereas 14% reported decrease and 18% told of no change. In control villages 6% reported increase in income whereas 38% reported decrease and 56% told no change.



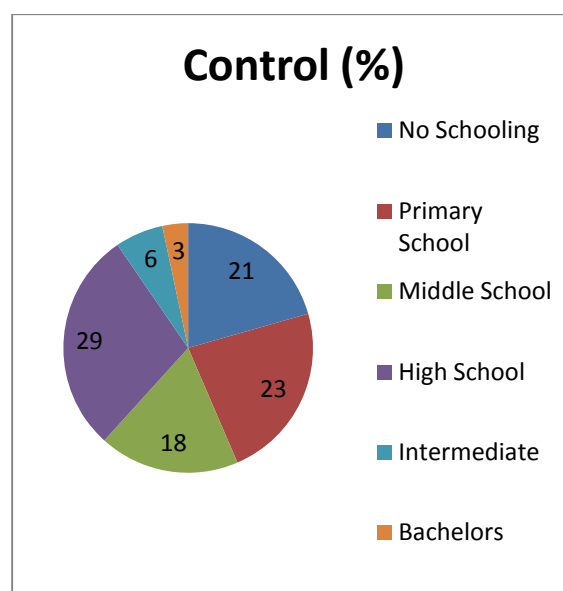
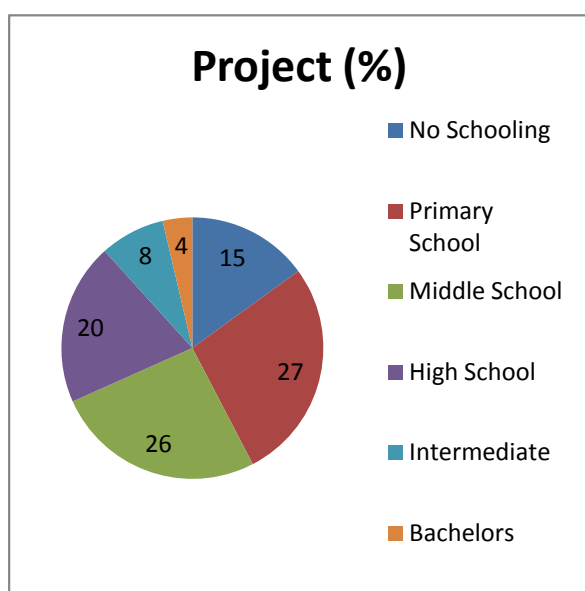
8. Household Identification:

In project villages 70% hh reported that they are part of the SHG; in control villages 55% hh reported the same. Among the 70% hh in project villages, 66% was part of the SHG formed by JTELP and 4% was part of the SHG formed by JSLPS and other agencies.

In Project Villages 65% hh received training on SHG management, 47% hh received training on Livestock Production, 74% hh received training on improved agricultural practise, 29% hh received training on Natural Resource Management and 56% hh received training on Social issues, health & hygiene, empowerment. Trainings reported in the control villages under various heads were negligible except SHG (12%).

Highest level of education attained by the respondent:

	No Schooling	Primary School	Middle School	High School	Intermediate	Bachelors
Project (%)	15	27	26	20	8	4
Control (%)	21	23	18	29	6	3



In both project and control villages significant percentage of HH head did not attend any formal schooling (15% and 21% respectively).

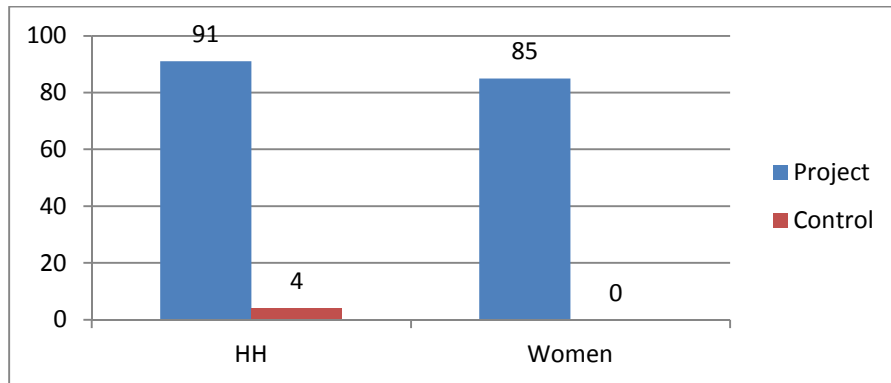
9. Wage Employment Generation

In project villages 91% reported increase in HH wage income (31% reported significant increase and 60% reported moderate increase), whereas 4% hh reported decrease in HH wage income. 5% HH reported no change.

In control villages only 4% reported increase in wage income, rest of the respondent reported no change.

With respect to women participation in wage employment, in project villages 85% reported increase in HH wage income (11% reported significant increase and 74% reported moderate increase), whereas only 1% reported decrease in HH wage income,

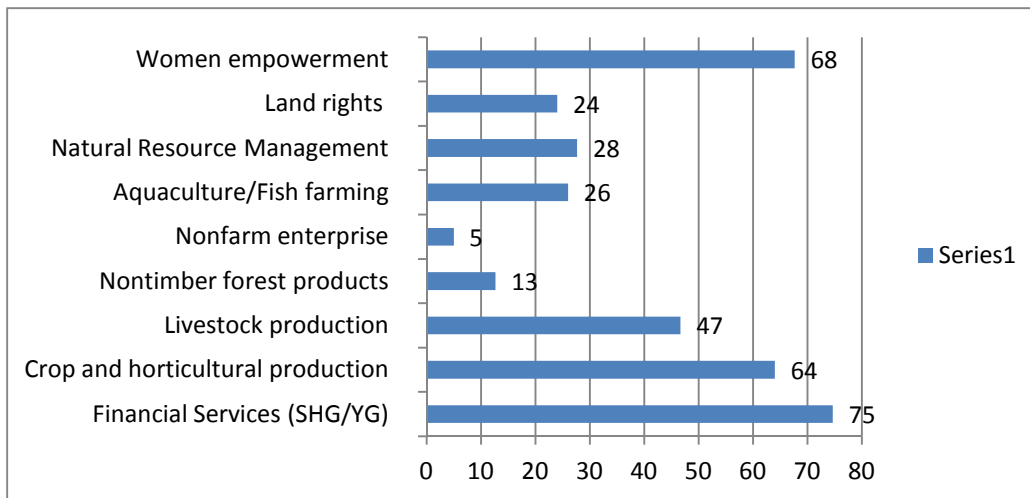
14% HH reported no change. In control villages only 1 hh reported increase and rest reported no change.



Increase in wage income

10. Involvement in Project Activity:

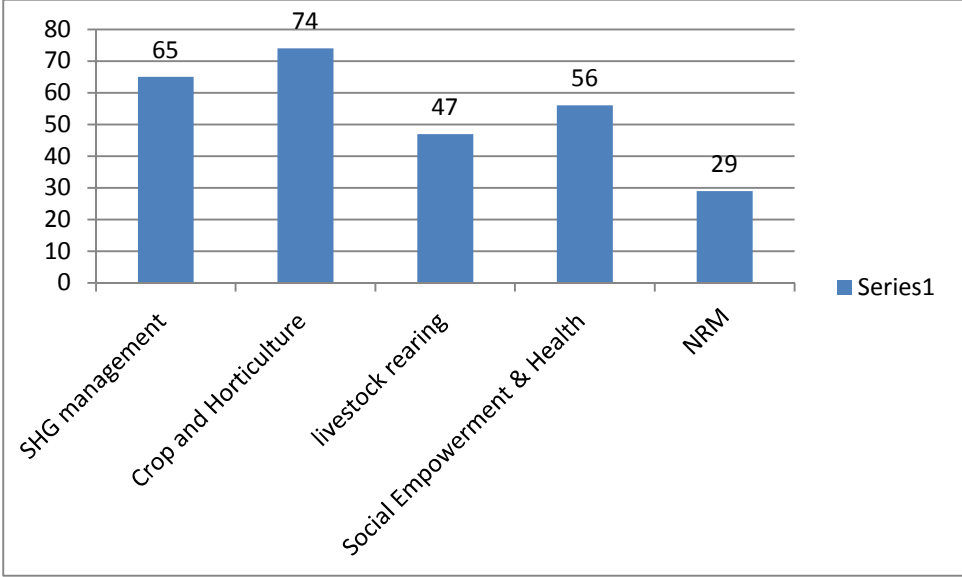
In project villages 75% reported engagement with SHG and Youth Group, 64% reported engagement with improved and scientific crop production, 47% with livestock rearing, 28% reported involvement with NRM activity, 26% with fish farming, 13% with NTFP and 5% with non- farm enterprise.



90% of the respondent reported satisfaction (68% very satisfied and 22% moderately satisfied) with the project activities. Rest reported their dissatisfaction with the project. When asked about the regularity of contact with the project staffs; 64% reported frequent, 21% reported occasional and 15% reported rear.

Type of training received:

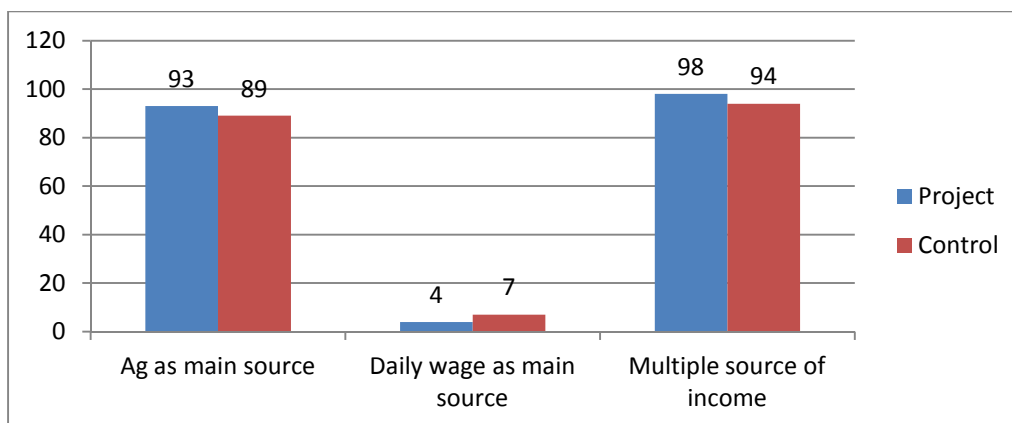
In project villages 65% hh received training on SHG management (25% at least once and 30% more than once), 74% on Crop and Horticulture (34% at least once and 40% more than once), 47% on livestock rearing (27% at least once and 20% more than once), 56% on Social Empowerment & Health and 29% on Natural Resource Management.



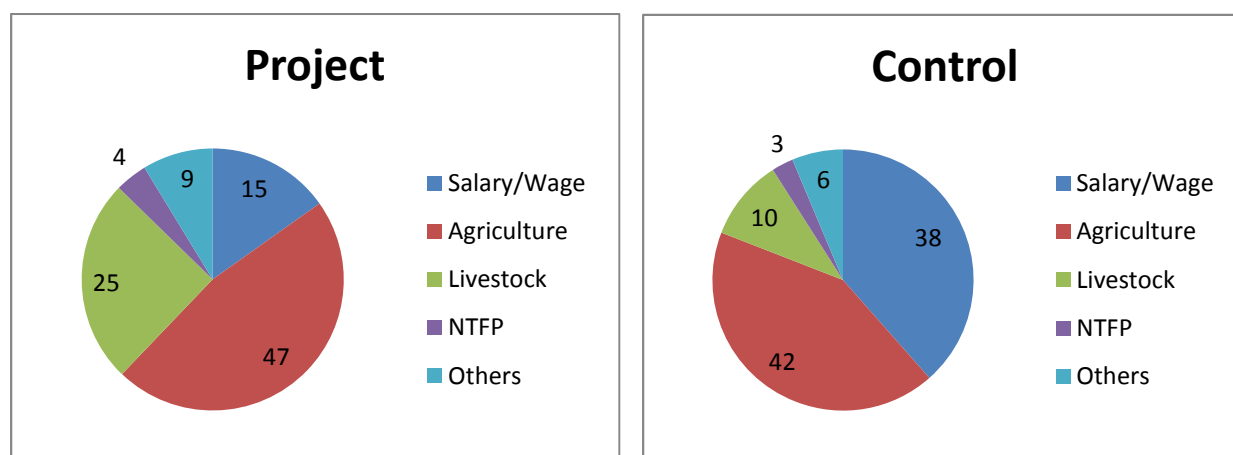
11. Main source of income:

In project villages 93% hh reported agriculture is their main source of income and among them 2% reported that agriculture is their only source of income. 4% of hh reported daily wage as main source of income whereas 2% reported livestock rearing/fish farming as main source of income. 98% hh was having multiple source of income.

In control villages 89% hh reported agriculture as their main source of income among them 6% reported that agriculture is their only source of income. 7% of hh reported daily wage as main source of income. 94% hh was having multiple source of income.



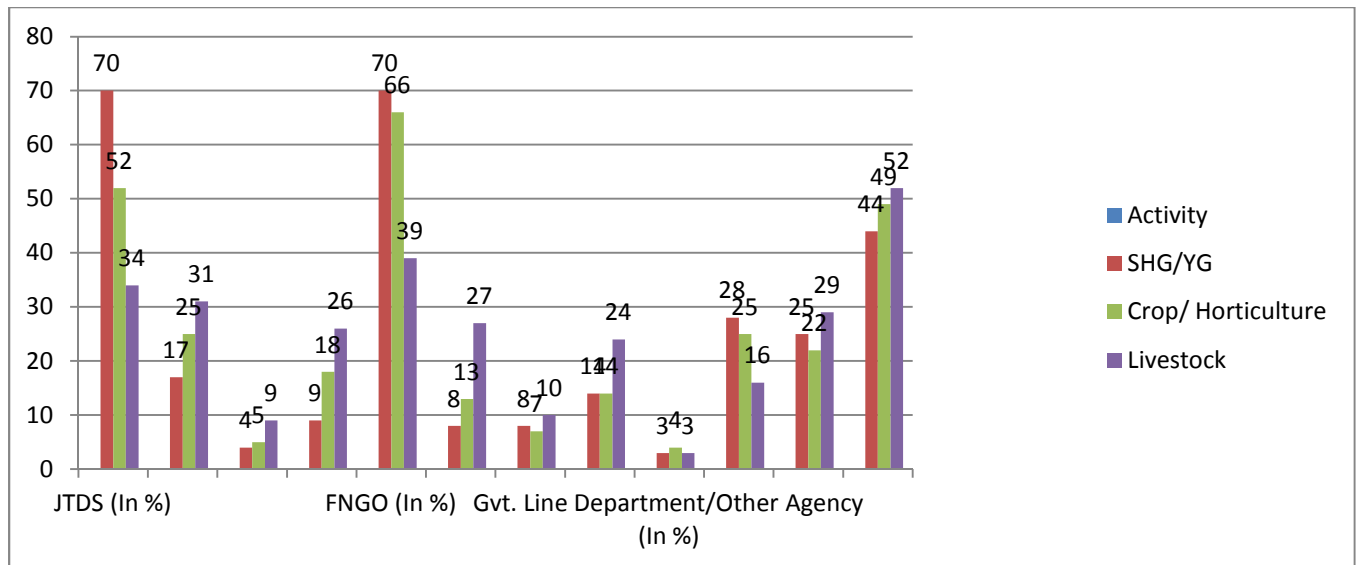
If the hh earned Rs.100/- then the distribution of the same as per the different activities was as follows:



12. Assessment of staff performance:

In project villages beneficiaries were asked to rate the performance of JTDS as well as FNGO staffs and also asked about the assistance received from Govt. Line departments for different activities. The below chart reflects the answer received from the beneficiaries for major activities undertaken by JTELP

Activity	JTDS (In %)				FNGO (In %)				Govt. Line Department/Other Agency (In %)			
	Good	Average	Poor	Can't say	Good	Average	Poor	Can't say	Good	Average	Poor	Can't say
SHG/YG	70	17	4	9	70	8	8	14	3	28	25	44
Crop/Horticulture	52	25	5	18	66	13	7	14	4	25	22	49
Livestock	34	31	9	26	39	27	10	24	3	16	29	52



13. Use of New Agricultural technology:

SRI: In project villages 59% respondent used the SRI of Paddy and among them 96% thought that this technology is effective. 96% of the farmers who adopted SRI this year reported that they would continue this method in next year also and 92% reported increase in the production in comparison with traditional method. Average production per hectare is 40.69 quintal.

In control villages 4% respondent used the SRI method.

Improved Vegetable Cultivation: In project villages 45% respondent cultivated vegetable with improved scientific technology and among them 99% thought that this technology is effective. All of the farmers who adopted improved practise this year reported that they would continue this method in next year also and 98% reported significant increase in the production. Average production per hectare is 24.98 quintal.

In control villages none of the respondent used the Improved Vegetable Cultivation method.

Cowpea (Barbatti) Cultivation: In project villages of four districts namely Dumka, Godda, Pakur and Sahibganj 11% respondent (9 out of 80 in the four districts) cultivated cowpea (barbatti) with inputs from JTDS and all of them thought that this had helped them to get rid of middlemen. All of the farmers also showed their desire to have this kind of support in next year also as it would help them to overcome the dependency on the middlemen by whom they were exploited from long time. They also reported significant increase in the production.

The average production of cowpea was 1.69 quintal per beneficiary and average income earned was Rs.6911.

Improved Mango Plantation: In project villages 5% respondent was adopted Improved Mango Plantation and all except one thought that this technology is effective. All the farmers except one who adopted improved practise this year reported that they would continue this method in next year also. As this activity started from FY 2017-18 only therefore fruiting will happen only after three years, therefore production data was not available.

In control villages none adopted the Improved Mango Plantation method.

Improved Housing for Livestock: In project villages 38% respondent used Improved Housing for Livestock and among them 98% thought that this technology is effective. 96% of the farmers who adopted improved practise this year reported that they would continue this method in next year also and 88% reported increase in the production.

In control villages none of the respondent used the Improved Housing for Livestock.

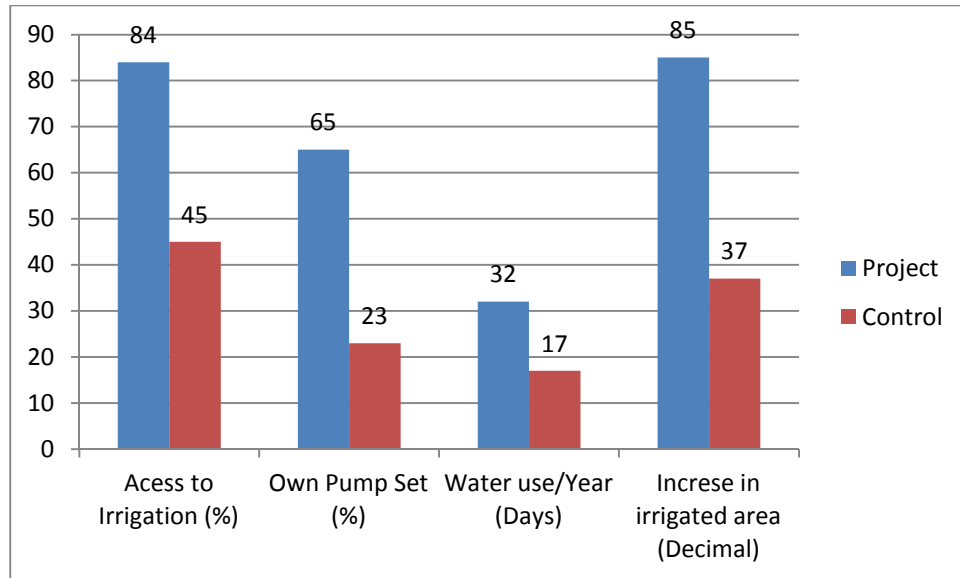
14. Availability of Irrigation:

In project villages 84% of respondent had access to irrigation water & 65% had their own pump sets for irrigation (23% of the respondent received pump sets from the JTELP). Among them 37% used irrigation for one season only, 34% used irrigation for two seasons and 13% used irrigation for three seasons.

In project villages during "Kharif" season 41% used irrigation, during "Rabi" season 76% used irrigation and in "Garma" 37% used irrigation water. In a year people use irrigation water for average 32 days. Average increase in irrigated area was 0.85 acre.

In comparison, 45% in control villages having access to irrigation and 23% having pump-sets. Among them 29% used irrigation for one season only, 14% used irrigation for two seasons and 2% used irrigation for three seasons.

In control villages during "Kharif" season 20% used irrigation, during "Rabi" season 33% used irrigation and in "Garma" 6% used irrigation water. In a year people use irrigation water for average 17 days. Average increase in irrigated area was 0.37 acre.



In project villages 52% used irrigation for 1-20 days, 10% used irrigation for 21-40 days and 14% used irrigation more than 40 days in Rabi (winter) season.

In control villages 28% used irrigation for 1-20 days, 4% used irrigation for 21-40 days and 1% used irrigation more than 40 days in Rabi (winter) season.

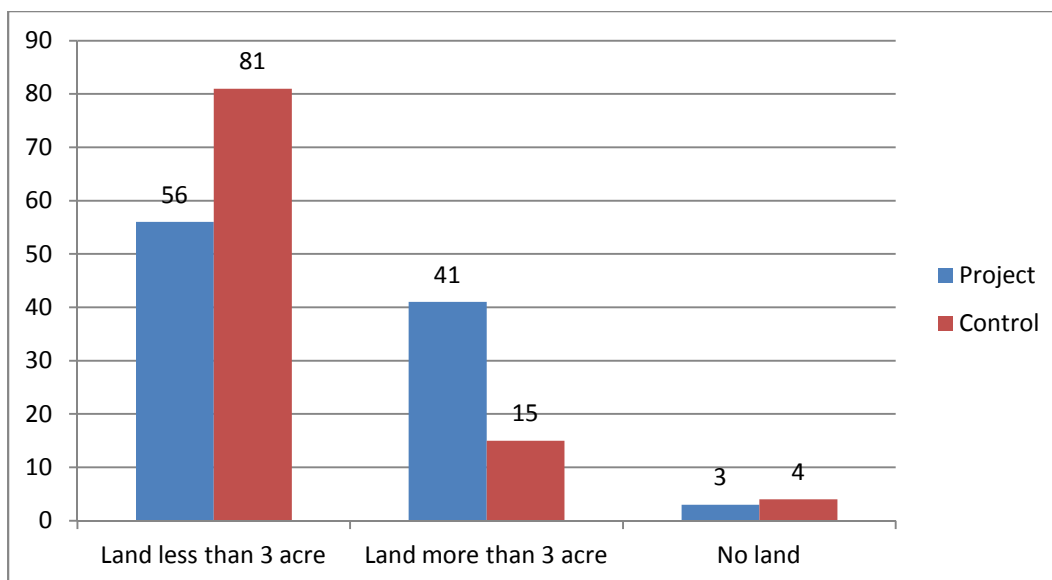
In Garma (summer) In project villages 14% used irrigation for 1-10 days, 14% used irrigation for 11-20 days and 9% used irrigation more than 20 days.

In Garma (summer), in control villages 2% of the respondent used irrigation for 1-10 days and 3% of the respondent 11-20 days. Only 1% used irrigation more than 20 days.

14. Land Tenure & Crop Production:

In Project villages 56% hh reported cultivable land of less than 3 acre, 41% hh reported cultivable land of more than 3 acre and 3% hh did not own any cultivable land.

In control villages 81% hh reported cultivable land of less than 3 acre, 15% hh reported cultivable land of more than 3 acre and 4% hh did not own any cultivable land.



In project villages:-

Paddy: 99% respondent cultivated paddy but 41% reported decrease in production and 46% reported increase in production and 12% reported no change. 64% had surplus production for sell and rest used the produce for consumption only. In comparison with last year this year productivity has been decreased by (11.50 qtl/acre in 2017 & 9.85 qtl/acre in 2018) 1.65 qtl/acre, mainly due to the draught in the last “kharif” season.

Maize: 41% respondent cultivated Maize but 15% reported decrease in production and 19% reported increase in production and 7% reported no change. In 2018 total land under maize cultivation was 47.72 acre which was almost half of the land under maize cultivation in 2017 (83.74 acre). Only 17% had sellable surplus. In comparison with last year this year productivity has been increased by (7.25 qtl/acre in 2017 & 10.09 qtl/acre in 2018) 2.84 qtl/acre.

Oil Seed: 37% respondent cultivated oil seed but 16% reported decrease in production and 18% reported increase in production and 3% reported no change. Though there was not much change in land under oil seed cultivation but there was drop of 22.72 quintals in total production for 111 farmers. Only 14% had sellable surplus. In comparison with last year this year productivity has been decreased by (2.15 qtl/acre in 2017 & 1.82 qtl/acre in 2018) 0.33 qtl/acre.

Pulses: 52% respondent cultivated oil seed but 16% reported decrease in production and 25% reported increase in production and 11% reported no change. Though there was not much change in land under pulses cultivation but there was slight increase of 29.38

quintals in total production for 156 farmers. Only 20% had sellable surplus. In comparison with last year this year productivity has been increased by (2.03 qtl/acre in 2017 & 2.36 qtl/acre in 2018) 0.33 qtl/acre.

Vegetable Cultivation: 72% respondent cultivated vegetable but 14% reported decrease in production and 48% reported increase in production and 10% reported no change. There was slight increase in land under vegetable cultivation (11.31 acre) as well as in total production (333.96 qtl) for 216 farmers. Almost 57% had sellable surplus. In comparison with last year this year productivity has been increased by (15.95 qtl/acre in 2017 & 17.74 qtl/acre in 2018) 1.79 qtl/acre.

In Control Villages:

Paddy: 95% respondent cultivated paddy but 2% reported decrease in production and 11% reported increase in production and 82% reported no change. 33% had surplus production for sell and rest used the produce for consumption only. In comparison with last year this year productivity has been decreased by (9.00 qtl/acre in 2017 & 7.92 qtl/acre in 2018) 1.08 qtl/acre, mainly due to the draught in the last “kharif” season.

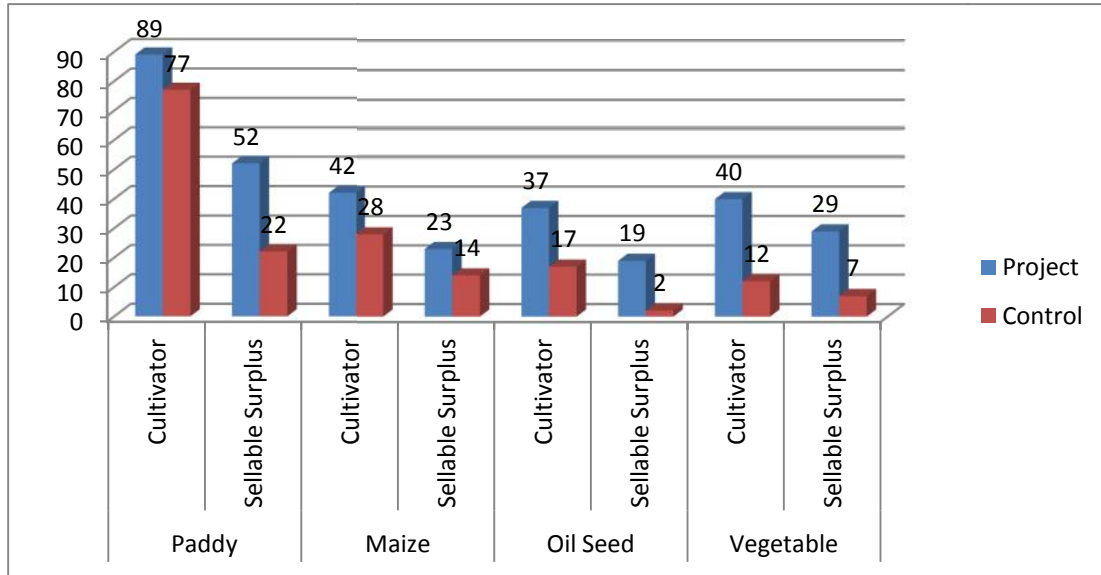
Maize: 26% respondent cultivated Maize but 3% reported decrease in production and 2% reported increase in production and 21% reported no change. Year wise there was not much change in land under maize cultivation and total production. Only 8% had sellable surplus. In comparison with last year this year productivity has been increased by (5.09 qtl/acre in 2017 & 5.66 qtl/acre in 2018) 0.57 qtl/acre.

Oil Seed: 14% respondent cultivated oil seed but only 1 respondent reported decrease in production and 2 respondent reported increase in production and rest were reported no change. Only 2 respondent had sellable surplus. In comparison with last year this year productivity has been increased by (6.41qtl/acre in 2017 & 7.40 qtl/acre in 2018) 0.99 qtl/acre.

Pulses: 28% respondent cultivated oil seed but 14% reported decrease in production and 6% reported increase in production and 8% reported no change. Only 6% had sellable surplus. In comparison with last year this year productivity has been increased by (4.64 qtl/acre in 2017 & 5.97.36 qtl/acre in 2018) 1.33 qtl/acre.

Vegetable Cultivation: 32% respondent cultivated vegetable but 8% reported decrease in production and 8% reported increase in production and 16% reported no change.

Almost 16% had sellable surplus. In comparison with last year this year productivity has been decreased by (17.79 qtl/acre in 2017 & 17.54 qtl/acre in 2018) 0.25 qtl/acre.

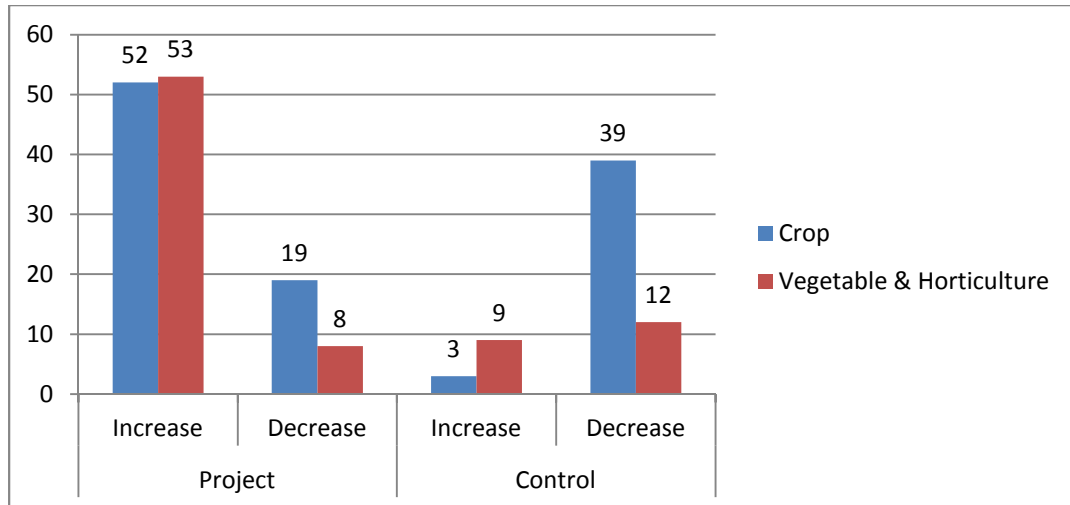


In project area 52% of the cultivators reported increase in income from crops and 19% reported decline while rest reported no change. 53% reported increase of income from vegetable and horticulture and 8% reported decline while rest reported no change.

In control villages 3% of the cultivators reported increase in income from crops and 39% reported decline while rest reported no change. 9% reported increase of income from vegetable and horticulture and 12% reported decline while rest reported no change.

Average annual income in Rs. from different agricultural products

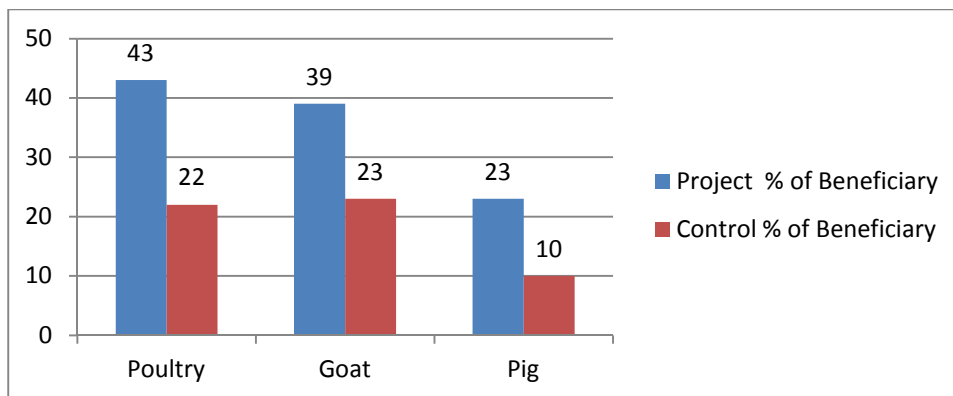
	Paddy	Maize	Oil seeds	Pulses	Vegetables
Project	16665	812	1777	3044	7751
Control	8255	524	378	1432	2176

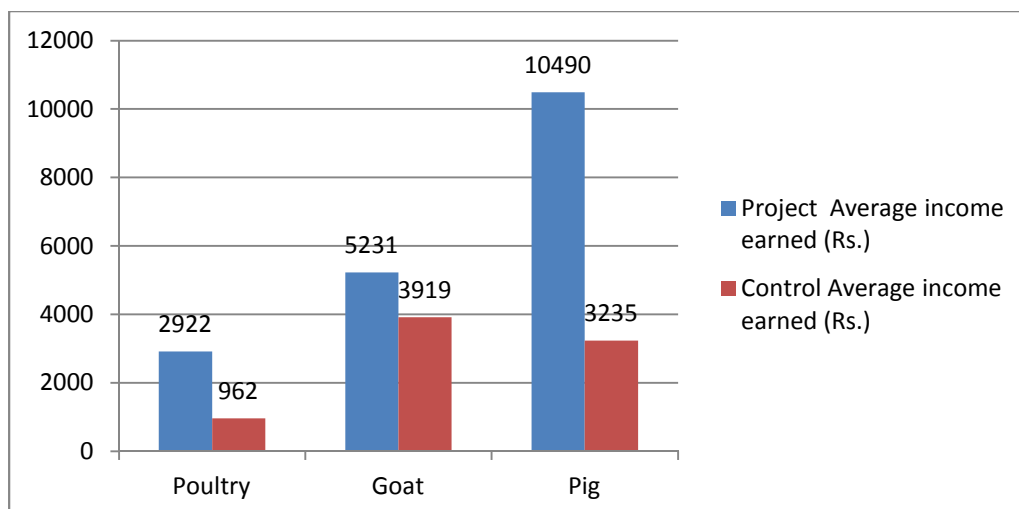


15. Livestock Production:

In project villages 93% hh owned any kind of livestock. Among them 35% had received livestock from the project. In control villages 77% hh owned any kind of livestock. Average Income earned from different livestock owned by the hh in project and control villages is shown as follows:

Activity	Project (in %)		Control (in %)	
	% of Beneficiary	Average income earned (Rs.)	% of Beneficiary	Average income earned (Rs.)
Poultry	43	2922	22	962
Goat	39	5231	23	3919
Pig	23	10490	10	3235





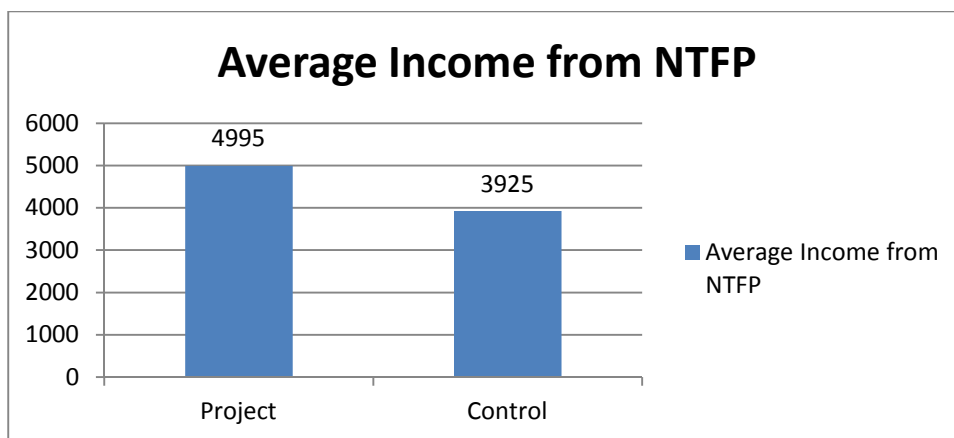
46% of the livestock owner reported increase in income and 10% reported decrease in income from livestock in project area. In control villages 6% respondent reported increase and 17% reported decrease in income from livestock.

In project villages 26% hh involved in fish farming and 16% reported increase in production compared to last year. With comparison to last year there was not much change in average production per beneficiary. In 2017 it was 1.4 quintal and in 2018 it was 1.59 quintal. In control villages only 3% hh involved in fish farming and only 1 hh reported increase in production compared to last year.

16. Access to Forest:

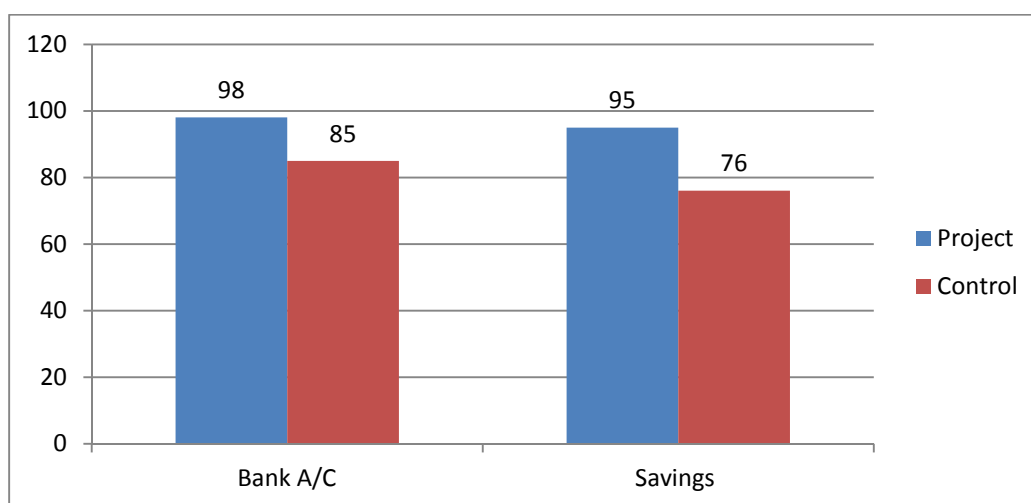
In project villages 57% hh lives in the vicinity of forest and except 1%, all of them replied that they had access to the forest. 54% used the forest for fuel wood collection, 31% used for NTFP collection like tamarind, mahua, kendu leaves etc, 3% for lac rearing and 5% for tasar cocoon rearing. Average income from selling of NTFP was Rs. 4995 per beneficiary.

In control villages 37% hh lives in the vicinity of forest and all of them replied that they had access to the forest. 14% used the forest for fuel wood collection, 12% used for NTFP collection like tamarind, mahua, kendu leaves etc. 1% hh used forest for lac rearing and tasar cocoon rearing. Average income from selling of NTFP was Rs. 3295 per beneficiary.



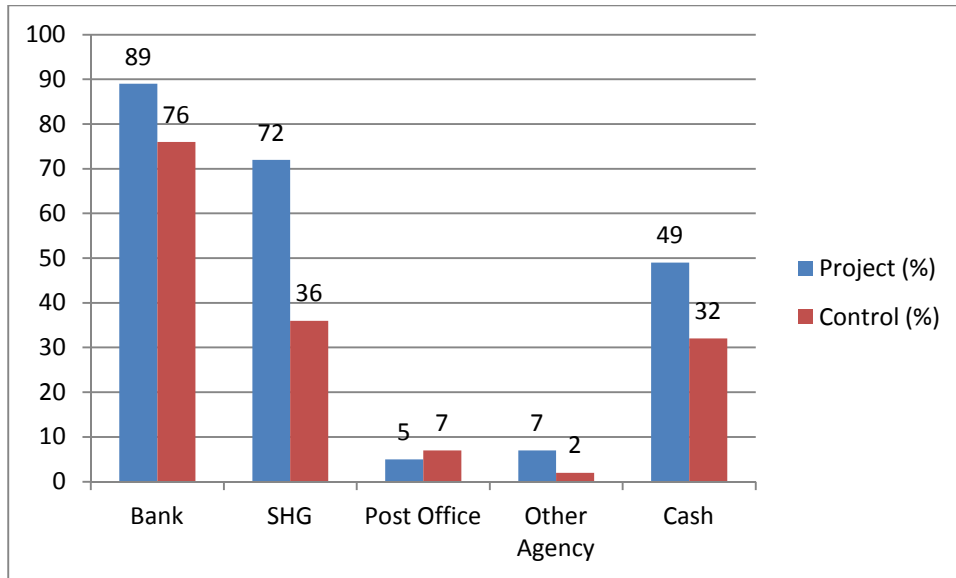
17. Access to formal financial services and Savings:

In project villages 98% of the hh is having bank a/c whereas in control villages 85% of hh is having bank a/c. 95% hh, in project villages had some savings in comparison with 76% hh of control villages.



The below Table & graph is showing different mode of savings for hh in project as well as control villages:

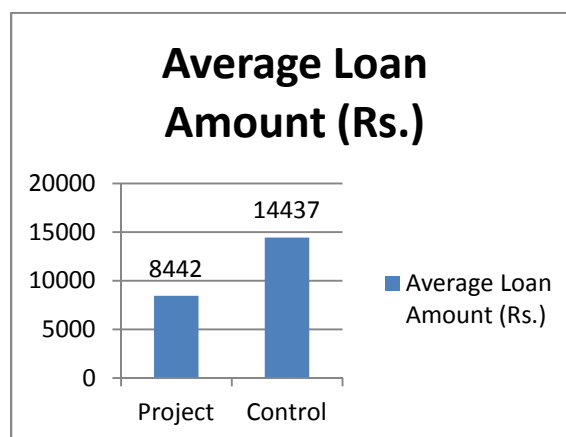
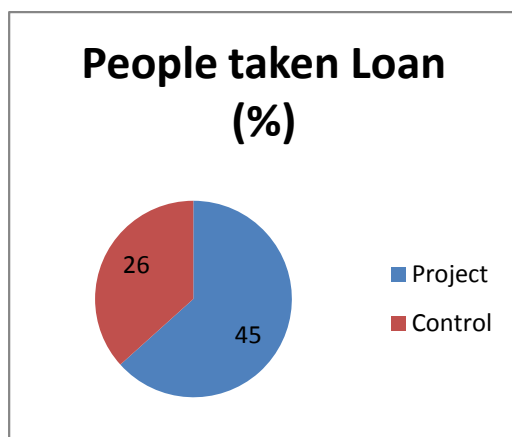
	Bank	SHG	Post Office	Other Agency	Cash
Project (%)	89	72	5	7	49
Control (%)	76	36	7	2	32



18. Access to Loan and utilization:

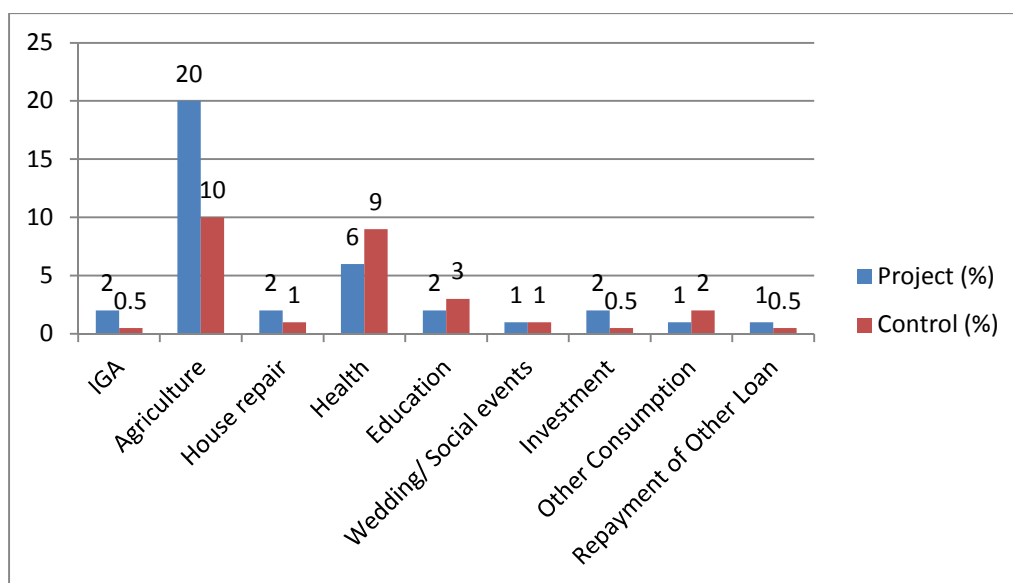
In project villages 45% hh had taken loan from different sources whereas in control villages 26% hh had taken loan from different sources. In project villages lowest loan amount was Rs. 300/- and highest was Rs. 100,000/- and average amount was Rs. 8442/-. In control villages it varied between Rs. 100/- and Rs. 150,000/- and average amount was Rs. 14437/-. Different sources of loan are as follows:

	Bank	SHG	Post Office	Informal
Project (%)	7	38	0	2
Control (%)	5	16	0	2



Activity wise utilisation of loan for project and control villages is as follows:

	IGA	Agriculture	House repair	Health	Education	Wedding/ Social events	Investment	Other Consumption	Repayment of Other Loan
Project (%)	2	20	2	6	2	1	2	1	1
Control (%)	0.5	10	1	9	3	1	0.5	2	0.5



19. Insurance Policy: In project villages 14% hh had life insurance policies in comparison to 6% in control villages. About 8% hh had insurance for livestock in project villages but none had the same in control villages.

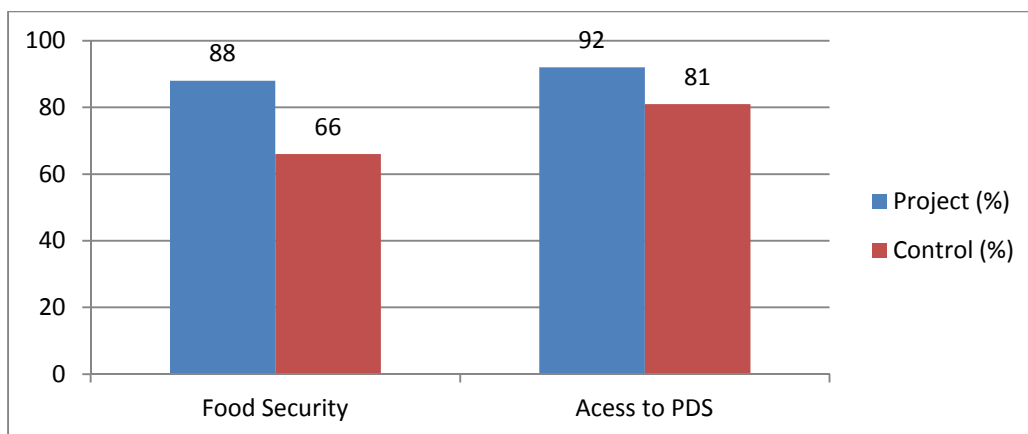
20. Food Security:

88% of the project hh and 66% of the control hh reported food security. 92% in the project received ration from PDS shop. 56% was having BPL card and 17% was having Antodaya Card. 81% in the control received ration from PDS shop. 59% was having BPL card and 11% was having Antodaya Card.

Months of food security is shown in the following table:

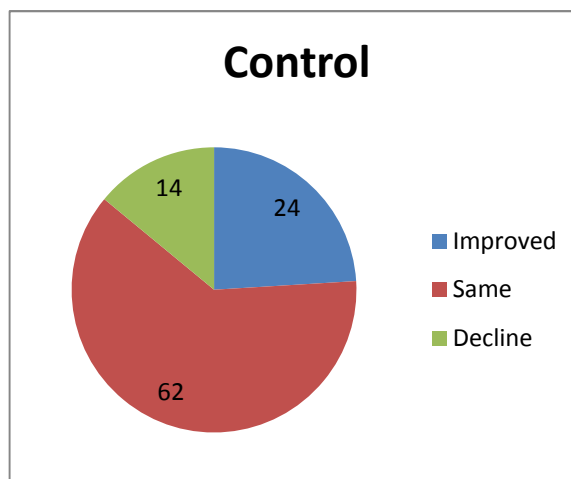
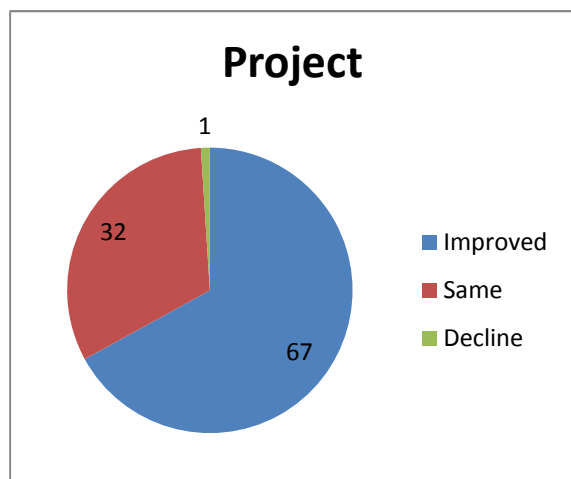
Food Security	9-11 months	12 months
Project	12	88
Control	34	66

In the month of August & September people face the problem of food shortage most both in project as well as control villages.



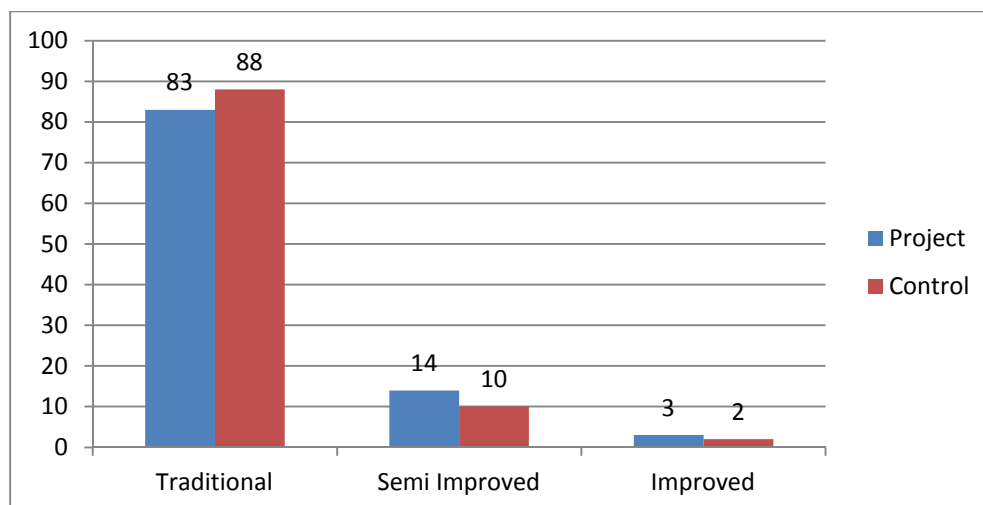
67% of project hh reported increase in the availability of foods for consumption compare to last year; only 24% hh of the control villages reported the same. 74% also reported improvement in the quality of food intake.

In both project villages only 1% and in control villages 14% hh reported decline in the availability of foods for consumption compare to last year. 15% reported improvement in the quality of food intake.



20. Type of Dwelling:

	Traditional	Semi Improved	Improved
Project (%)	83	14	3
Control (%)	88	10	2



29% respondent in project villages reported some kind of renovation in their house whereas only 9% reported the same in control villages.

In project villages 59% reported improvement in sanitation system in comparison to 42% in control villages.

21: Purchase of new asset:

In project villages 48% hh and in control villages 25% hh reported purchase of any new asset during the last 12 months. In project villages 10% and in control villages 6% reported buying of more than one new asset. Types of asset purchased by the hh were as follows:

	Bicycle	Motor Cycle/ Scooter	Television	Gold/Silver Jewelry	Others
Project (%)	18	12	7	10	11
Control (%)	15	3	2	4	6

22. Migration:

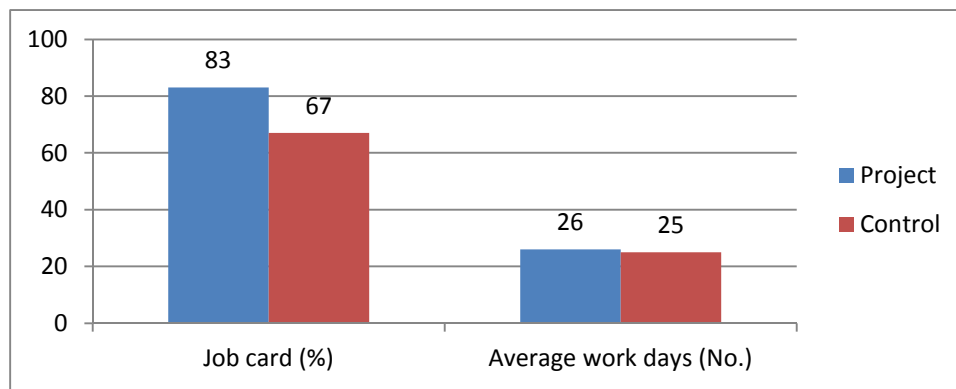
21% of the project hh and 38% of control hh migrated during the last 12 months for earning their livelihood. Following graph shows the change in the duration of the migration. In project villages 10% and in control villages 4% reported decrease in duration of migration.

23. Involvement with other projects:

67% hh in control villages and 83% hh in project villages were having MGNREGA job cards. In last 12 months 39% hh in project villages got job under MGNREGA and in average they got 26 days of work. In control villages 35% hh got job under MGNREGA and in average they got 25 days of work.

48% of the project hh also received benefits from the other Govt. Projects like PDS, ICDS, Birsa Awas Yojna etc.

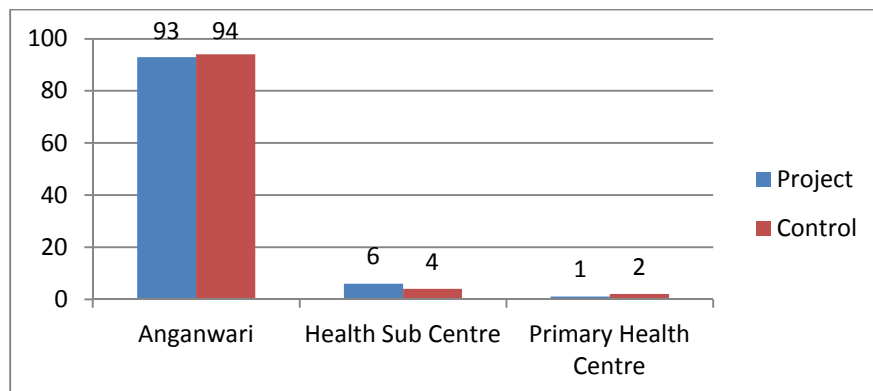
31% of the control hh also received benefits from the other Govt. Projects like PDS, Birsa Awas Yojna, ICDS etc.



24. Immunization:

In project villages immunization of children under 0-5 is 100% whereas in control it was 94% .

Places of vaccination was shown in the following graph:



The following table shows the year wise outcome of some key indicators between project and non project villages:

Sl no	Indicators	Outcome Comparison in Key Indicators (in %)							
		AOS-2015		AOS-2016		AOS-2017		AOS-2018	
		Project	Control	Project	Control	Project	Control	Project	Control
1	Household Indicators								
	Male Headed HH	92	91	86	84	79	76	88	86
	Female Headed HH	8	9	14	16	21	24	12	14
	HH having income < 1700	53	33	31	39	16	35	18	47
	HH having income 1700-5000	45	46	66	60	58	58	55	47
	HH having income 5001-9000	2	18	2	1	25	7	21	5
	HH having income > 9000	0	3	1	0	1	0	6	0
2	Wage Employment Generation								
	Increase in wage income (HH)			44	1	91	8	91	4
	Increase in wage income (Female)			29	0	85	5	85	0.5
3	Source of Income								
	Agriculture as main source	54	55	89	80	89	86	93	89
	Daily wage as main source	34	29	4	6	6	11	4	7
	Multiple source of Income			59	47	83	66	98	94
4	Land Tenure								
	HH having cultivable land	74	80	86	77	92	90	97	96
	Landless HH	26	20	16	23	8	10	3	4
5	Crop Production								
	Access to Irrigation			54	38	71	34	84	45
	Paddy as major crop			75	67	89	77	99	95
	Excess sellable production of crop	25	20	33	28	52	22	64	35
	Increase in income from Crops			18	9	54	6	52	3
6	Livestock Production								
	HH having own livestock	78	80	77	66	80	66	93	77
	Increase in income from livestock			4	0	37	4	46	6
7	Access to Forest								
	HH having access to forest			56	49	35	19	57	37
8	Access to financial services								
	Access to Bank a/c			79	81	89	80	98	85
	Access to loan (Bank/SHG)			26	12	32	21	45	26
9	Food security								
	HH having 12 months food security	65	72	68	74	77	71	88	66
10	New assett								
	Purchase of New Assett			15	8	29	15	48	25
11	Migration								
	Migrated at least once in a year for livelihood			16	17	20	22	21	38

List of villages:

Sl no.	District	Block	Panchayat	Village	Project/control	No. Of hh surveyed
1	Dumka	Masaliya	Ranga	Masaliya	Project	5
2	Dumka	Gopikander	Kuchchira	Durgapur	Project	5
3	Dumka	Masaliya	Kolarkonda	Kolarkonda	Project	5
4	Dumka	Gopikander	Surjodih	Surjodih	Project	5
5	Dumka	Masaliya	Katliya	Kukur topa	Control	7
6	Dumka	Gopikander	Aormo	Chirudih	Control	7
7	E.singhbhum	Dumaria	Palashbani	Manikpur	Project	5
8	E.singhbhum	Dumaria	Kantasol	Harda	Project	5
9	E.singhbhum	Potka	Narda	Dhengam	Project	5
10	E.singhbhum	Potka	Rasunchopa	Sarse	Project	5
11	E.singhbhum	Dumaria	Kumrasole	Nischintpur	Control	7
12	E.singhbhum	Potka	Sangram	Sangram	Control	7
13	Godda	Sundarpahari	Bara sindri	Ratnapara	Project	5
14	Godda	Sundarpahari	Tilabad	Tilabad	Project	5
15	Godda	Boarijore	Kusumghati	Chakra	Project	5
16	Godda	Boarijore	Dumariya	Bara sinni	Project	5
17	Godda	Sundarpahari	Bansjori	Paharpur	Control	7
18	Godda	Boarijore	Lilatari	Lilatri	Control	7
19	Gumla	Sisai	Kudra	Kudra	Project	5
20	Gumla	Sisai	Nagar	Gokhulpur	Project	5
21	Gumla	Bharno	Karondajor	Koyanjali	Project	5
22	Gumla	Bharno	Dumbo	Dumbo	Project	5
23	Gumla	Sisai	Murgu	Murgu	Control	7
24	Gumla	Bharno	Atakora	Chegri	Control	7
25	Jamtara	Fatehpur	Asanberiya	Dinari	Project	5
26	Jamtara	Fatehpur	Asanberiya	Asanberiya	Project	5
27	Jamtara	Jamtara	Sharpura	Jorbhita	Project	5
28	Jamtara	Jamtara	Chandradipa	Jeetpur	Project	5
29	Jamtara	Fatehpur	Jamjori	Mohulbana	Control	7
30	Jamtara	Jamtara	Sahardal	Kinudih	Control	7
31	Khunti	Karra	Meha	Rolagutu	Project	5
32	Khunti	Karra	Bamraja	Dumari	Project	5
33	Khunti	Arki	Todang	Gitilbera	Project	5
34	Khunti	Arki	Upper ballong	Bedahatu	Project	5

35	Khunti	Karra	Kudulum	Sonmer	Control	7
36	Khunti	Arki	Sargeya	Kota	Control	7
37	Latehar	Manika	Jungur	Jungur	Project	5
38	Latehar	Manika	Kope	Kope	Project	5
39	Latehar	Barwadih	Mangra	Kalyanpur	Project	5
40	Latehar	Barwadih	Ukaamar	Paira	Project	5
41	Latehar	Manika	Manika	Besna	Control	7
42	Latehar	Barwadih	Chechha	Chapari	Control	7
43	Lohardaga	Bhandra	Bhita	Bhita	Project	5
44	Lohardaga	Bhandra	Udrangi	Udrangi	Project	5
45	Lohardaga	Kairo	Guri	Baghi	Project	5
46	Lohardaga	Kairo	Sadhabe	Tati	Project	5
47	Lohardaga	Bhandra	Jamgain	Dumri	Control	7
48	Lohardaga	Kuru	Jhingi	Tan	Control	7
49	Pakur	Amrapara	Singarsi	Titulia	Project	5
50	Pakur	Amrapara	Jaraki	Chhotapaharpur	Project	5
51	Pakur	Littipara	Jamjori	Pipra	Project	5
52	Pakur	Littipara	Karmatand	Labda ghti	Project	5
53	Pakur	Amrapara	Alubeda	Alubeda	Control	7
54	Pakur	Littipara	Littipara	Hetbandha	Control	6
55	Ranchi	Tamar	Poraidih	Kasamburudih	Project	5
56	Ranchi	Tamar	Arhanga	Budhadih	Project	5
57	Ranchi	Bundu	Kanchi	Newri	Project	5
58	Ranchi	Bundu	Adalhatu	Chutru	Project	5
59	Ranchi	Tamar	Pundidiri	Jhargaon	Control	7
60	Ranchi	Bundu	Tunju	Aamjoda	Control	7
61	Sahibganj	Taljhari	Bhatbhanga santhai	Khattapani	Project	5
62	Sahibganj	Taljhari	Bada durgapur	Mahadevpur	Project	5
63	Sahibganj	Borio	Motipahari	Barmsiya	Project	5
64	Sahibganj	Borio	Jetkekumarjori	Jetkekumarjori	Project	5
65	Sahibganj	Taljhari	Karanpura	Kairasol	Control	7
66	Sahibganj	Borio	Telo	Ranga	Control	7
67	Seraikella- kharswan	Rajnagar	Bijadih	Kumdih	Project	5
68	Seraikella- kharswan	Rajnagar	Bandu	Richituka	Project	5
69	Seraikella- kharswan	Seraikella	Pandra	Patahesel	Project	5
70	Seraikella- kharswan	Seraikella	Pathanmara	Pathanmara	Project	5

71	Seraikella-kharswan	Kuchai	Arwan	Lopta	Project	5
72	Seraikella-kharswan	Kuchai	Ruguddih	Sosokara	Project	5
73	Seraikella-kharswan	Rajnarar	Dhuripada	Dubrajpur	Control	7
74	Seraikella-kharswan	Seraikella	Kamalpur	Kendua	Control	7
75	Seraikella-kharswan	Kuchai	Baruhatu	Sursi	Control	7
76	Simdega	Kurdeg	Badkibiura	Ladera	Project	5
77	Simdega	Kurdeg	Charrimunda	Charrimunda	Project	5
78	Simdega	Sadar simdega	Garja	Jamadohar	Project	5
79	Simdega	Sadar simdega	Sewai	Sansewai	Project	5
80	Simdega	Kurdeg	Gariyajor	Gariyajor	Control	7
81	Simdega	Sadar	Kulukera	Kulukera	Control	7
82	W singhbhum	Khuntpani	Ulirajabasa	Galubasa	Project	5
83	W singhbhum	Khuntpani	Baragutia	Baraguntia	Project	5
84	W singhbhum	Sonua	Asantaliya	Baidhmara	Project	5
85	W singhbhum	Sonua	Golmunda	Madangjahir	Project	5
86	W singhbhum	Tonto	Nimdih	Barakuchiya	Project	5
87	W singhbhum	Tonto	Purnapani	Birsinghatu	Project	5
88	W singhbhum	Khuntpani	Loharda	Madkamhatu	Control	7
89	W singhbhum	Sonua	Govindpur	Baika	Control	7
90	W singhbhum	Tonto	Bamebasa	Harira	Control	7

Questionnaire:

Jharkhand Tribal Development Society**Jharkhand Tribal Empowerment and livelihood Project**4th Annual Outcome Survey - 2018

Serial No: Project/Control

General Demographic Information:

District	
Block	
Panchayat	
Village	
Tola	

1. Household identification:

Name of respondent:		
Gender	Male	Female
Address		
Phone number		
Size of Household		
Age of respondent:		
Education of Respondent		
Adhaar no of HH head:		
Voter ID no of HH head:		

2. Targeting and inclusion

a. Caste, ethnic group	SC, ST, OBC, PTG, General [circle one]		
b. Gender of household head	Male		Female
c. What is your household's main source of income? (tick one only)	Own farming		Remittance
	Livestock production		Pension
	Fishing / aquaculture		Petty trade, small shop
	Farm labour		Handicrafts / weaving
	Other daily labour		Own enterprise
	Skilled labour		Non-timber forest products
	Salary / regular job		Other

d. What is your household's Secondary source of income? (you may tick more than one cell)	Own farming		Remittance	
	Livestock production		Pension	
	Fishing / aquaculture		Petty trade, small shop	
	Farm labour		Handicrafts / weaving	
	Other daily labour		Own enterprise	
	Skilled labour		Non-timber forest products	
	Salary / regular job		Other	
d. What area of land does your household own?		..... ( in acre)		
e. Average monthly house hold income in Rs	below 1700	1700-5000	5001-9000	Above 9000
g. what is your average monthly cash expenditure in Rs	below 1700	1700-5000	5001-9000	Above 9000

* Below 1700-very poor, 1700-5000- poor, 5001-9000-Medium, Above 9000- Rich

3. Group membership:

To what groups do members of your household belong? [Multiple selection Possible]

Group type	Tick all that apply
a. SHG (JTLP)	
b. SHG (JSLPS or any other Organization)	
c. Youth Group (JTLP)	
d. Youth Group (NYK or any other Organization)	
e. Producer/farmer group	
f. Federation / producer company	
g. Marketing group / cooperative (e.g. milk collection centre)	
h. NRM group	
i. Livestock Cluster (Pig/Goat/Poultry)	
j. Vegetable Cluster	
k. Nutrition Garden Cluster	
l. None - do not belong to any of above group	

4. Participation:

What project activities has your household participated in over the last 12 months (or since the project started)? [Multiple selection Possible]

a. Financial services- Credit, savings and insurance. (SHG/YG)	A. Yes	B. No
b. Crop and horticultural production - Training, demonstration, input support, new technology, marketing and irrigation.	A. Yes	B. No
c. Livestock production- Training, demonstration, input support, new technology, marketing, breeding, health care, housing and investment.	A. Yes	B. No
d. Non-timber forest products - Management of natural resource, planting and marketing.	A. Yes	B. No

e. Non-farm enterprise - Training, investment, marketing and technology.	A. Yes	B. No
f. Aquaculture/Fish farming	A. Yes	B. No
g. Natural resource management - Natural resource planning, tree planting, water supply and soil and water conservation.	A. Yes	B. No
h. Land rights / - Land redistribution and ownership titles.	A. Yes	B. No
i. Women Empowerment :- Training, Exposure visit, Marketing, Debt redemption, Drudgery reduction, Micro Livelihood Plan, Ultrapoor Support, Social Enterprises Development etc	A. Yes	B. No
j. None - we did not participate in any.	A. Yes	B. No

5. Employment Generation

i. Since the beginning of JTELP how do you rate you employment generated from engagement with project (for all household members combined)?	Significantly gone up	moderately gone up	More or less same	moderately gone down	significantly gone down
ii. Since the beginning of JTELP how do you rate you employment generated from engagement with project (for female members of household)?	Significantly gone up	moderately gone up	More or less same	moderately gone down	significantly gone down

Total amount received from wage payment from JTELP activities	In last 12 months (In Rs)	Since the beginning of the project (In Rs)
For all HH members		
For only female members of HH		

6. Contact and satisfaction with project over last 12 months

a. How often do you have contact with project staff over the last 12 months?	Frequently <input type="checkbox"/>
	Occasionally <input type="checkbox"/>
	Rarely <input type="checkbox"/>
b. How satisfied are you with the project?	Very satisfied <input type="checkbox"/>
	Moderately satisfied <input type="checkbox"/>
	Not at all satisfied <input type="checkbox"/>

7a. Training and capacity building: What training, study tours & workshop have members of your household received or participated in?

Category of training subjects	a. Number of training courses / events ¹	
	In last 12 months	Since start of project (April 2015)
a. SHG management,		
b. Crop & horticultural production (Agriculture/Horticulture/Nutrition garden/Vegetable cluster/SRI)		
c. Livestock / fisheries (Pig/Goat/Poultry)		
d. Enterprise development, marketing		
e. Natural resource management (Land and Water work planning/Lac/Tasar)		
f. Social, empowerment, health		
g. Other (specify)		

¹Includes tours and exposure visits

7b. Training and capacity building: quality and usefulness

Overall, how well was this training delivered? was it useful? have you adopted any part of it?

b. Rating of training ²		
a. Delivery ³	b. Useful ³	c. Adopted ³
Enter rating ==>>>>>		

²Rating only if respondent has had some training.

³Rating of each criteria (how well training was delivered?, was it useful? have what was learned been adopted?) according to following scores 3=good/ largely adopted, 2=average/ partly adopted, 1=poor/not at all adopted

8. Use of Service Providers and Rating

What support did you get in the last 12 months from the various service providers?

[Multiple selection Possible]

How good are these service providers in terms of access, responsiveness and effectiveness?

Type of service provision	Project staff (JTDS-DPMU)	NGO's staff	Govt. Line Department	Other agencies
Access to financial services (SHG/YG)				
Crop or horticultural inputs and production support				
Livestock healthcare and inputs				
Marketing of farm and non-farm products				
Processing/Grading/Packaging/SME				
Other (please specify):				

[Score: 3=good, 2=average, 1=poor]

9. Adoption of new technology

Technology 1- SRI of Paddy		
Have you	Tried this technology?	Yes / No/Don't Know
	Think it useful or effective?	Yes / No/Don't Know
	Adopted and will continue to use?	Yes / No/Don't Know
	seen any significant increase in production?	Yes / No/Don't Know
	If yes, then how much is the production in Kg/hectare	
Technology 2- Improved Vegetable Cultivation		
Have you	Tried this technology?	Yes / No
	Think it useful or effective?	Yes / No
	Adopted and will continue to use?	Yes / No
	seen any significant increase in production?	Yes / No
	If yes, then how much is the production in Kg/hectare	
Technology 2 (a) – Improved Vegetable Cultivation – Barbatti beans Cultivation		
	Have you tried this technology?	Yes/No
	Do you think it is useful or effective?	Yes/No
	Will you continue Barbatti cultivation next year?	Yes/No
	Have you seen any significant increase in production?	Yes/No
	If yes, how much is the production in kg/hectare?	..... Kg
Technology 2 (b) – Improved Vegetable Cultivation – Elephant foot yam Cultivation		
	Have you tried this technology?	Yes/No
	Do you think it is useful or effective?	Yes/No
	Will you continue Barbatti cultivation next year?	Yes/No
	Have you seen any significant increase in production?	Yes/No
	If yes, how much is the production in kg/hectare?	..... Kg
Technology 3- Improved Mango Plantation		
Have you	Tried this technology?	Yes / No
	Think it useful or effective?	Yes / No
	Adopted and will continue to use?	Yes / No
	seen any significant increase in production?	Yes / No
	If yes, then how much is the production in Kg/hectare	
Technology 3- Improved Housing for Livestock		
Have you	Tried this technology?	Yes / No
	Think it useful or effective?	Yes / No
	Adopted and will continue to use?	Yes / No
	seen any significant increase in production?	Yes / No
	If yes, then how much is the kidding rate/year	

10. Soil & water conservation and irrigation

a. Have you used pond/shallow well water for irrigation?	Yes / No
a. When do you use irrigation water (Circle - may circle more than one)	Rabi/ Kharif/ Garma
b. How many days you have used water from Pond/ shallow well in Kharif	
c. How many days you have used water from Pond/ shallow well in Rabi	
d. How many days you have used water from Pond/ shallow well in Garma (Summer)	
e. Increase in area of land irrigated In acre	
i. Do you have pump set for irrigation – (Tick one)	Yes / No
j. Received pump set from (Tick one)	Project/Own
k. How many days you use pump set in last year	

10. Crop production:

a. Does your household cultivate field crops? Yes/No			
Paddy	In the last year how has production changed? Increase / the same / decrease		
	(ii) details of Paddy production and sales over the last two years		
		Current year (2018)	Previous year (2017)
	Total area (acres)		
	Total production (Qtals)		
	Consumed at home (Qtals)		
	Sold or given away (Qtals)		
Maize (Bhutta)	In the last year how has production changed? Increase / the same / decrease		
	(ii) details of Maize (Bhutta) production and sales over the last two years		
		Currentt year (2018)	Previous year (2017)
	Total area (acres)		
	Total production (Qtals)		
	Consumed at home (Qtals)		
	Sold or given away (Qtals)		
Oil Seeds	In the last year how has production changed? Increase / the same / decrease		
	(ii) details of Oil seed production and sales over the last two years		
		Current year (2018)	Previous year (2017)
	Total area (acres)		
	Total production (Qtals)		
	Consumed at home (Qtals)		
	Sold or given away (Qtals)		
Pulses	In the last year how has production changed? Increase / the same / decrease		
	(ii) details of Oil seed production and sales over the last two years		
		Current year (2018)	Previous year (2017)

Total area (acres)		
Total production (Qtals)		
Consumed at home (Qtals)		
Sold or given away (Qtals)		

11. Vegetable Cultivation:

a. Does your household cultivate vegetable? Yes/No			
Vegetable	In the last year how has production changed? Increase / the same / decrease		
	(ii) details of Vegetable production and sales over the last two years		
		Current year (2018)	Previous year (2017)
	Total area (acres)		
	Total production (Qtals)		
	Consumed at home (Qtals)		
	Sold or given away (Qtals)		

12. Mango Orchard?

a. Did you receive any sapling from the project? Yes/No

b. If yes, then how many no.?

Total no. of Saplings received		
Mango	Guava	Timber & Shrubs

c. How many survived till date?

Total no. of Saplings survived till date		
Mango	Guava	Timber & Shrubs

13. Livestock

a. Does your household keep any livestock? Yes /no	
If yes:	a. How many animals does your household keep?
	b. How many animals/birds you received from the project?
	c. In the last year how has the number of animals changed? Increase / the same / decrease
	d. In the last year how has production of livestock products (eggs, animals for sale, etc) changed? Increase / the same / decrease

b. Amt earned from Livestock activities	Amount earned by selling eggs/animals etc. received from the project.	Amount earned by selling eggs/animals etc. purchased from own resources.
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i. Pig		
ii.. Goats		
iii. Poultry		
iv. Other animal (Pls specify)		

C. Mortality rate in last one year (In numbers)

Animal/Bird	Received from project	Mortality	Egg produced/ Offspring born	Mortality of offspring
i. Poultry birds				NA
ii. Goats				
III. Pigs				

14. Aquaculture/Fish farming

a. Does your household involved in fish farming? Yes/No			
Vegetable	In the last year how has production changed? Increase / the same / decrease		
	(ii) details of fish production and sales over the last two years		
		Current year (2018)	Previous year (2017)
	Total area (acres)		
	Total production (Qtals)		
	Consumed at home (Qtals)		
	Sold or given away (Qtals)		

15. Common Forest

Do you have common forest (khud katti) in your village	Yes/No
If Yes	
Do you have access to the forest	Yes/No
What is the area of the forest (in Acre)	
How old is the forest (In years)	
For what purpose you access the forest (Multiple selection possible)	a. Fuel wood
	b. Lac rearing
	c. Tasar cocoon
	d. collection of NTFP like tamarind, mahua, kendu leaves etc.

16. Non Timber Forest Produces

a. Does your household have access to or use public or community forest?	Yes / No
If yes b. Has access to forest resources changed?	Improved/ the same / got

		worse
	c. Has production/off take from forest resources changed?	Increase / the same / decrease
	d. What are the produces you collect from the forest? (Pls tick – may tick more than one)	Tamarind, Mahua, Sal leaves, Kendu leaves etc.
	d. Are products collected from forest sold?	Yes / no
If yes	e. Value of sales in last 12 months	Rs
	f. Value of sales in previous 12 months	Rs

17. Marketing channels

a. Are you using a new way of marketing your production? (such as collective marketing, linkage to an agribusiness, contract production, processing for value addition)	Yes / No	
If yes?	This year	Previous year
b. What percentage of your production is sold through this new channel?		
c. What is the value of production sold through the new channel?	Rs	Rs
d. Do you get a better price as a result of using the new marketing channel?	Yes / No	

18. Financial services

a. Do you have a bank account?	Yes / no	
b. Do you now have any savings?	Yes / no	
If yes, who are these with?	Bank	Yes / no
	SHG or other type of group	Yes / no
	Post Office	Yes / no
	Other agency	Yes / no
	In cash	Yes / no
c. In the last 12 months, did you take any loans?	Yes / no	
If yes, What were the sources of these loans?	Bank	Yes / no
	SHG	Yes / no
	Post Office	Yes / no
	MFI	Yes / no
	Other agency	Yes / no
	Informal	Yes / no
d.a If yes, in total how much did you take in loans in last year?	Rs	
d.b What is the rate of interest?		
If yes, approximately how was this money used?	Income generating activities	Rs
	Farming	Rs
	Other investment	Rs
	House & property	Rs
	Health expenses	Rs
	Education	Rs
	Weddings & social events	Rs
	Other consumption	Rs
Repayment of other loans	Rs	

	Total amount borrowed	Rs
e. Do you now have any insurance policies?		Yes / no
If yes, what type of policies?	Life	Yes / no
	Savings linked life	Yes / no
	Accident	Yes / no
	Property / house	Yes / no
	Health	Yes / no
	Livestock	Yes / no

19. Income

a. How has your total household income changed in the last 12 months?		Increase / the same / decrease
a.i. If Increased/Decreased, then by how much amount?		Rs.
a.ii. What was your total income in the previous year?		Rs.
b. Does your household have income from crops?		Yes / no
If yes	How has this income changed in the last 12 months?	Increase / the same / decrease
c. Does your household have income from vegetables, fruit, tree crops?		Yes / no
If yes	How has this income changed in the last 12 months?	Increase / the same / decrease
d. Does your household have income from livestock?		Yes / no
If yes	How has this income changed in the last 12 months?	Increase / the same / decrease
e. Does your household have income from capture fisheries?		Yes / no
If yes	How has this income changed in the last 12 months?	Increase / the same / decrease
f. Does your household have income from a non-timber forest products?		Yes / no
If yes	How has this income changed in the last 12 months?	Increase / the same / decrease
g. Does your household have income from a non-farm enterprise?		Yes / no
If yes	How has this income changed in the last 12 months?	Increase / the same / decrease
h. Does your household have income from wage labour including NREGA?		
If yes	How has this income changed in the last 12 months?	Increase / the same / decrease

19. Income

A. Crop Production and Income (in the last 12 months)

Crops	Production cost / Labour used @ Rs 200/day ¹			Post-harvest loss		Consumption		Sales		Net income [(g)+(i) – e+c]
	Family	Hired	Total	Volume (kg)	Value (Rs)	Volume (kg)	Value (Rs)	Volume (kg)	Value (Rs)	
1. Field crops	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	
Paddy										

¹ Labour cost could be in fraction; if a family person spends about 2 hrs per day for vegetable production, the value would be Rs. 50 (200/8x2).

Maize										
Oilseeds										
Vegetable ²										
Barbati										
Elephant foot yam										
Total										
2. Orchards/ Fruit trees										
Mango										
Wood apple										
Jack fruit										
Custard apple										
Guava										
Total										
3. Forest & NTFPs										
Lac										
Tassar cocoon										
Mahua										
Tamarind										
Kendu leaves										
Sal leaves										
Total										

B. Livestock production³ and income (in the last 12 months)

Livestock	Egg Production, Sales & Income				Meat Production, Sales & Income		
	No produced	No consumed	No sold	Income from sales	Sales (kg)	Consumed (kg)	Income from sales (Rs)
Poultry							
Pigs							
Goats							

C. Aquaculture / Fishery Production and Income (in the last 12 months)

No of pond	Water area (decimal)	Production cost (fingerlings)	Fish harvested (kg)	Fish sold (kg)	Fish consumed (kg)	Income from sales (Rs)	Estimates of fish remaining in pond	
							Quantity (Kg)	Value (Rs)

² Tomato, Brinjal, Lady's finger, etc.

³ Note that production cost & feeds cost are not indicated for calculating income from livestock.

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D. Household Annual Income from All Sources (in the last 12 months)

Sources of Income	Amount (Rs)	Remarks
1. Salary		For this information, compute from sub-sections A, B & C above.
2. Wage labour (including NREGA)		
3. Field crops		
4. Orchards		
5. Forest NTFPs		
6. Poultry rearing		
7. Goat rearing		
8. Pig rearing		
9. Fishery		
10. Others (specify)		
Total income		

20. Food security

a. Did your household suffer from any shortage of food during the last 12 months?	Yes / no
If Yes, for how many days you had food shortage ?	..... (number of) days
Which is / are the months you experienced food shortage?	..... (name the month)
b. How has the overall availability of food changed in the last 12 months?	Improved/ the same / got worse
Do you have BPL or Antodaya Card? If yes, which one you have?	..... (card name)
Do you receive/get food ration from the Government?	Yes / No
If Yes, what is the quantify per month?	..... Kg
Do you receive / get the rice quantity every month?	Yes / No
If No, do you know the reason why you do not get?	..... (give reason)
c. How has the quality and type of food consumed by your household changed in the last 12 months?	Improved/ the same / got worse
d. How has the quantity of vegetables consumed by your household changed in the last 12 months?	Improved/ the same / got worse
e. How has the frequency of pulses consumed by your household changed in the last 12 months?	Improved/ the same / got worse
f. How has the frequency of fruits consumed by your household changed in the last 12 months?	Improved/ the same / got worse
f. How has the frequency of milk consumed by your household changed in the last 12 months?	Improved/ the same / got worse
g. How has the frequency of eggs consumed by your household changed in the last 12 months?	Improved / the same / got worse

21. Housing and Asset

a. What type of house do you have?		Traditional / semi-Pakka /Pakka			
b. Has your house been enlarged or improved in the last 12 months?					Yes / No
c. Has your water supply and/or sanitation been improved in the last 12 months?					Yes / No
d. Do you bought any new asset in the last year	Bicycle	Motor Cycle/ Scoter	Television	Gold/Silver/ Jewelery	Any other (Pls specify)

22. Migration

Whether do you or any member of your HH go to other places for income/livelihood	Yes/No
Is there any change in period of Migration	increased/same/decreased

23. Involvement with other project

Are getting benefit from any other project/ Govt. sponsored scheme	Yes/No
If yes, Pls specify- (The no. of schemes mentioned may more than one and need to be listed)	
Have you ever stopped using the services of project	Yes/No
If yes state which services did you stop using (question pertains to services that you were using earlier but have since stopped) - may be more than one.	

24. NREGA

1. Does your household have a Job Card?	Yes / No
If Yes, how many adults are listed in the Job Card?	.....Number
2. During the last 12 months, have you received any work under NREGA	Yes / No
If Yes, how many days of work?	..... Number
3. Do you feel that NREGA has brought significant benefits to your household?	Yes / No
If Yes, please explain.....	
4. During the last 12 months, have you used NREGA wages to buy seeds / fertilizer / tools / agricultural implements / livestock / hiring of agriculture implements or other farm related items or medicines for family member or medicine for livestock?	Yes / No
If Yes, please explain	
5. Have you benefited from NREGA to create any permanent asset for your	Yes / No

household such as pond or water harvesting structure or plantations?	
If Yes, please explain	
6. Has your village benefited from NREGA to create any permanent asset such as road / pond / or any other assets?	Yes / No
If Yes, please explain	

Health:

1. No. of children under 0-5:

2. How many of them vaccinated:

3. From where they had been vaccinated: Anganwari/Health Sub centre/Primary Health Centre/District Hospital/Private clinic or Nursing home