

**NUMBER OF VETERINARY HOSPITALS DISPENSARIES AND CENTRES BY
DIVISION AND DISTRICT, THE PUNJAB: 2016-17**

Division/ District	Veterinary Hospitals	Veterinary Dispensaries	Veterinary Centre's
The Punjab	548	1739	900
Bahawalpur Division	65	190	164
Bahawalpur	17	77	56
Bahawalnagar	21	76	95
Rahimyar Khan	27	37	13
D.G.Khan Division	47	218	12
D.G.Khan	13	60	09
Muzaffargarh	16	87	-
Layyah	09	58	03
Rajanpur	09	13	-
Faisalabad Division	76	201	179
Faisalabad	40	53	115
TobaTek Singh	20	27	60
Jhang	11	85	0
Chiniot	5	36	4
Gujranwala Division	100	195	246
Gujranwala	18	56	34
Gujrat	12	17	50
Mb. Din	09	34	02
Hafizabad	20	10	74
Narowal	23	12	84
Sialkot	18	66	2
Lahore Division	61	198	-
Lahore	23	5	-
Kasur	12	78	-
Nankana sahib	12	41	-
Sheikhupura	14	74	-
Multan Division	57	79	34
Multan	16	20	09
Khanewal	12	14	05
Lodran	06	13	17
Vehari	23	32	03
Rawalpindi Division	50	160	163
Rawalpindi	13	55	74
Attock	10	35	54
Chakwal	14	59	07
Jehlum	13	11	28
Sahiwal Division	43	356	23
Sahiwal	20	193	13
Okara	13	72	10
Pakpattan	10	91	0
Sargodha Division	49	130	76
Sargodha	07	30	03
Khushab	16	22	26
Mianwali	15	18	22

Bhakkar	11	48	22
Cholistan	-	12	03

Deployment Plan

Annexure-2

#	Division	District	Tehsil	Justification for Vehicle
1	Gujrat	Gujrat	Kunjah	Newly Created Tehsil
2	Gujrat	Wazirabad	Wazirabad	Newly Created
3	Gujrat	Wazirabad	Alipur Chatha	Newly Created Tehsil
4	Rawalpindi	Talagang	Talagang	Old Vehicle replace
5	Rawalpindi	Murree	Murree	No Vehicle in Tehsil
6	Rawalpindi	Murree	Kotli Sattian	Old Vehicle replace
7	DG Khan	Taunsa Sharif	Vehova	Newly Created Tehsil
8	DG Khan	Kot Addu	Chowk Sarwar Shaheed	Newly Created Tehsil
9	Gujranwala	Narowal	Zafarwal	No Vehicle – Old Vehicle Auctioned
10	Gujranwala	Hafizabad	Vaniky Tarar	No Vehicle – Old Vehicle Auctioned
11	Sahiwal	Okara	Depal pur	No Vehicle in Tehsil
12	Faisalabad	Faisalabad	Chak Jumra	No Vehicle in Tehsil
13	Rawalpindi	Attock	Hazro	No Vehicle in Tehsil
14	Faisalabad	TT Singh	Kamlia	Old Vehicle replace
15	Sargodha	Sargodha	Sahiwal	No Vehicle in Tehsil
16	Sargodha	Sargodha	Kot Momim	No Vehicle in Tehsil
17	Gujranwala	Gujranwala	Nowshera virkan	No Vehicle – Old Vehicle Auctioned
18	Sargodha	Bhakkar	Bhakkar	Old Vehicle replace
19	Sargodha	Sargodha	Sillanwali	No Vehicle in Tehsil
20	Lahore	Lahore	Wagha	Newly Created Tehsil



**Evaluation Report of the Project
Provision of Effective Veterinary & Extension Services at Livestock
Farmers Doorstep**

**DIRECTORATE GENERAL MONITORING & EVALUATION
PLANNING & DEVELOPMENT DEPARTMENT
GOVERNMENT OF THE PUNJAB**

February 2019

Executive Summary

The L&DD Department, Government of Punjab through Barani Agriculture Research Institute Chakwal launched a project “**Provision of Effective Veterinary & Extension Services at Livestock Farmers Doorstep**” all over the Punjab. The cost of the project is Rs. 359.100 million and the actual expenditure was Rs. 344.347 million which shows 96% utilization of the released amount.

DGM&E constituted an evaluation team and conducted field visits in the districts of Faisalabad, Shaikhupura, Bhakkar, Attock, DG Khan, Rahim Yar Khan and Vihari for evaluation of physical targets. The project was planned to be executed in 12 months. The evaluation has been conducted for the period 2016-2017.

The project was evaluated for its relevance, efficiency, effectiveness, sustainability and associated risks along with site observation. It is concluded based on DGM&E assessment and analysis that the project is substantially relevant with government development priorities, efficient in terms utilization of cost and time period, moderately effective in terms of its physical objectives, moderately sustainable in terms of project outcome indicators, and at medium risk in terms of hindrance in project activities.

The first objective was to have paradigm shift from curative to preventive mode. In this regard, beneficiary survey reflected that regarding the service of MVDs, 57% livestock farmers replied that they are satisfied with service of MVDs whereas 18% and 7% farmers replied that they are partially satisfied and not satisfied with MVDs service respectively. Further, it was observed during survey that 66.1% livestock farmers reported that farmer meetings were conducted as per plan whereas, 25% reported that no such farmer meetings were conducted. *Moreover, the curricula or material developed for this purpose was not shared by the department; only pamphlets were shared and the title of the project was not mentioned on them.* The second objective was provision of MVD service for the treatment of livestock animals and this objective has been successfully achieved as 72 vehicles have been procured and customized for MVD service as per plan. The third objective was deployment of latest technology for disease diagnostics treatment and breeding and it has been observed that the objective has been partially achieved as disease diagnostic equipment (like Ultrasound machine and X-ray machines) were not purchased to accomplish this objective however, disease treatment equipment (dystokia kits, tooth rasp etc.) was found available in MVDs. Further, as per procurement review, Artificial Insemination (AI) kits were purchased but not available or utilized in any of the visited MVDs.

The sustainability of the project was also gauged from beneficiary survey of the project and data was collected on certain outcome indicators which identifies the sustainability of the project. Regarding the improvement in animal health, 43% livestock farmers reported that animal health has been improved whereas, 51% reported that animal health has partially improved. The farmers were also asked regarding the productivity of their animal and 51% reported that productivity of their animals has increased whereas, 13% reported that productivity has not been improved through this service. The short term increase in income of the farmers was also analyzed with an increase in the productivity of the livestock animals and in response, 63.3% farmer reported that income has increased whereas 27.9% reported that income has not increased. It was also observed that 45.14% surveyed farmers reported that they still visit static veterinary facilities available in their vicinity whereas, 54.85% reported that they do not visited the static veterinary facility anymore.

Based on the analysis and finding of the evaluation report, the project is recommended to be transferred from development to non-development side initially for the period of three years. After three (03), a detailed impact assessment study may be conducted for permanent transfer of the project to non-development side. Further, it is recommended that project should improve the service delivery mechanism in term of frequency of MVDs visits, satisfaction of farmer over the services of MVDs, organization of farmers' meeting.

DG M&E Evaluation Team

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Abbreviations

AA	Admin Approval
CVH	Civil Veterinary Hospital
CVD	Civil Veterinary Dispensary
DG (Ext.)	Director General Extension
DD	Deputy Director
DGM&E	Directorate General Monitoring & Evaluation
IT	Information Technology
L&DD	Livestock & Dairy Development Department
MOM	Minutes of Meeting
MVD	Mobile Veterinary Dispensary
PPRA	Punjab Procurement Regulatory Authority
P&DD	Planning & Development Department
SPSS	Statistical Package for Social Sciences
TORs	Term of Reference

Project Summary

The summary of the basic information of the project 'Provision of Effective Veterinary & Extension Services at Livestock Farmers Doorstep' is presented in Table 1.1.

Table 1.1 Project Summary

Sr.	Contents	Description
1	Project Title	Provision of Effective Veterinary & Extension Services at Livestock Farmers Doorstep
2	Sector	Livestock
3	Sponsoring Agency	Government of the Punjab, Department of L&DD
4	Executing Agency	Directorate General (Ext) L&DD Punjab Lahore Director Communication & Extension, L&DD Punjab All the Directors Livestock, at division levels in Punjab.
5	Location of the Project	All over the Punjab
6	Operation & Maintenance	Additional Director Livestock of concerned District, DD of concerned Tehsil, Department Of Agriculture, Punjab
8	Original Cost (PC-I)	359.100 Million
9	Revised Cost (PC-I)	359.100 Million
10	Actual Release	359.100 Million
11	Actual Utilization	344.347 Million
12	Percentage of funds utilization over release	95.89%
13	Date of Approval (Original)	17-11-2016
14	Date of Revision	01-02-2017
15	Planned Start Date	01-07-2016
16	Planned End Date	30-06-2017
17	Project Actual Start Date	01-07-2016
18	Gestation Period (PC-I)	12 months
19	Beneficiaries	Livestock farmers all over the Punjab

Project Location

The project is being executed all over the Punjab i.e., in all of its 36 districts.

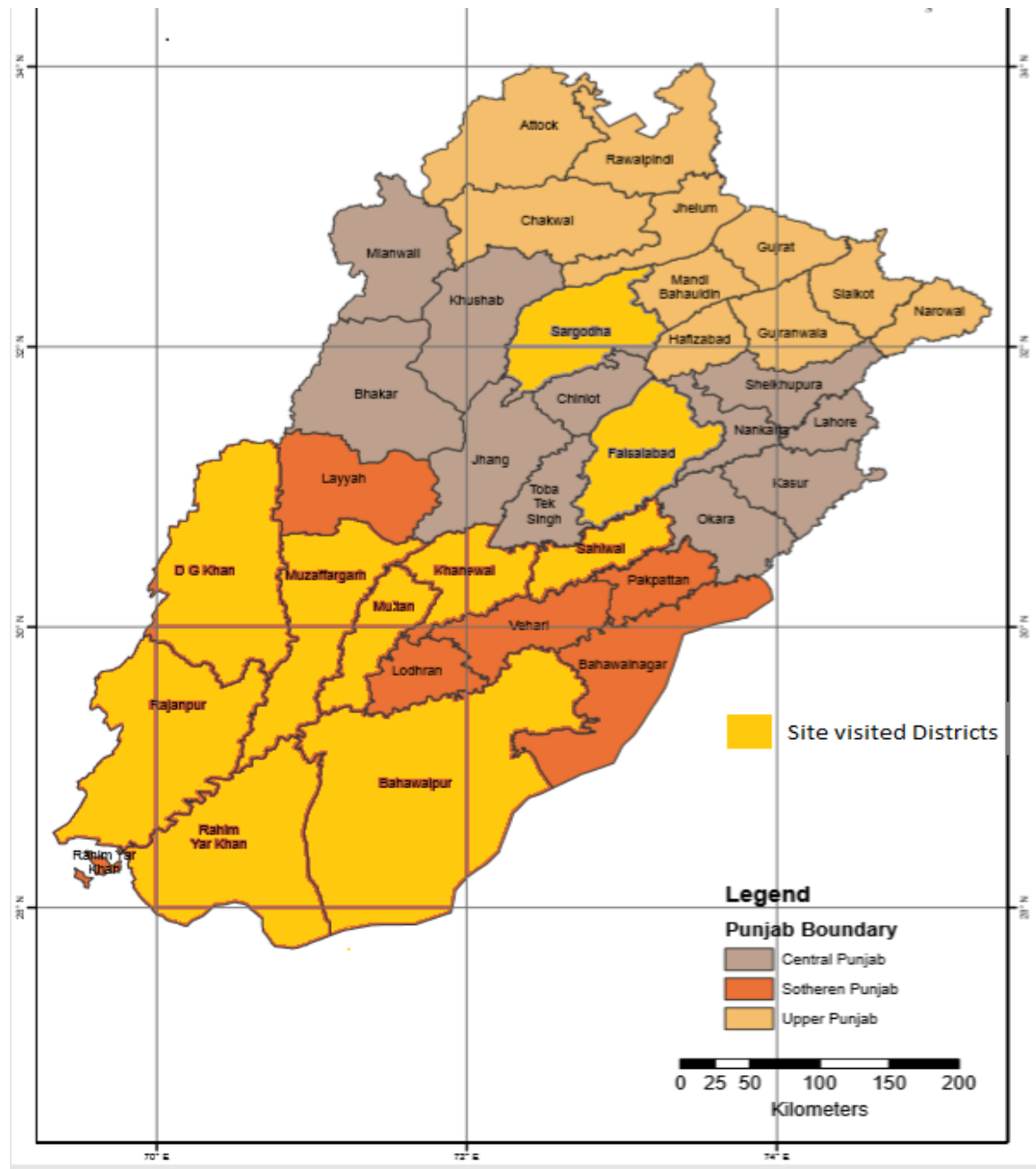


Figure 1: Location Map

1. Introduction

Livestock are domesticated animals raised in an agricultural setting to produce labor and commodities such as meat, eggs, milk, fur, leather, and wool. The term is sometimes used to refer solely to those that are bred for consumption, while other times it refers only to farmed ruminants, such as cattle and goats. Livestock sector contributes almost 50% to the value addition in the agriculture sector, and almost 11 percent to Pakistan's GDP, which is higher than the contribution made by the crop sector (47.4% in agriculture and 10.3% in GDP). The role of livestock sector in the rural economy of Pakistan is very critical as 30-35 million rural population of the country are engaged for their livelihood in this sector.

The livestock population of the Punjab is about 77.8 million (23.8 million buffaloes and 21.0 million cows and around 33.0 million sheep/goat). The livestock is an integral part of the farming system of the Punjab but this subsector has never been regarded as a goal in itself. Although the livestock sector is a major contributor to the export of certain livestock products and by-products such as leather, animal casings, raw wool, carpets and rages but the animals are reared primarily as an instrument to support cash crop production. Development of livestock sector is an integral part of the economic development. Government, the private sector and livestock farmers have key roles in bringing about profitable change.

Keeping in view the respective importance, Department of Livestock, Government of the Punjab, has initiated a project named "Provision of Effective Veterinary & Extension Services at Livestock Farmers Doorstep" (2016-2017) in which the Department has aimed for Paradigm shift from curative to preventive mode, to provide mobile veterinary services for animal treatment and related facilities to livestock/poultry farmers of the area at their door step and to provide latest technology for disease diagnostics treatment and breeding.

This project has been completely implemented and now the evaluation has been conducted for 2016-17. The design, physical targets and inputs and outputs of the project are included in the evaluation. Restricted time and such a huge area which MVDs cover are some limitations of the project.

1.1 Project Background

Punjab is predominantly agriculture-based province. More than 70% of the total population of this province depends on agriculture directly or indirectly. About 60% of the total land is rain fed. Unfortunately, the production of livestock in Punjab is low as compared to other provinces of Pakistan due to epidemic diseases like enterotoxaemia, black quarter, anthrax, shortage of fodder, poor management and poor breed selection. Livestock production can only be improved by improvement of livestock in the rural masses by proper extension services, management and effective disease control program.

There is huge gap between demand and supply of livestock products, due to its low productivity attributed primarily to poor health because of unbalanced feeding, seasonal non availability of fodder (May to August), infrequent visit of livestock farmer to the livestock offices, difficulty in bringing the animals to the hospitals/dispensaries primarily attributed to far-off distances etc. on the one hand, the traditional livestock service delivery model which encompasses treatment are inadequate. Unfortunately, the available services are not properly used by the farmers due to the aforesaid reasons. There is therefore, utmost need to approach the farmers at his doorstep.

The livestock and dairy development department, Punjab has established veterinary hospitals and dispensaries at district/ tehsil level. However, it was felt that farmers are reluctant to bring their animals in the dispensaries for the reasons:

- Locational distances whereby most of the dispensaries are quite away from the villages.
- The diseased animals cannot be easily brought to the dispensaries generally located in the towns
- In many cases the animals need immediate treatment
- Inability for the women headed livestock farmers to bring animals to the dispensaries
- Farmer's ignorance of the facilities provided by the government.

Keeping in view the situation narrated above, livestock department has arranged 2-3 mobile veterinary dispensaries in each district and each MVD covers 1-2

tehsils in a period of three months. These MVD's are declared ambulances for provision of ambulatory services to livestock keepers. This project implementation had been complete and the evaluation has been conducted. The design, physical targets and inputs and outputs of the project are included in the evaluation. The **objectives** of the project include:

- Paradigm shift from curative to preventive mode.
- To provide mobile veterinary services for animal treatment and related facilities to livestock/poultry farmers of the area at their door step.
- To provide latest technology for disease diagnostics treatment and breeding.

1.2 Project Development objective/Theory of Change

The development objective of the project is the provision of mobile veterinary dispensary to livestock/poultry farmers of the Punjab at their door step for sustainable livelihood opportunities. The project objectives are in-line with the approach related to disease control, awareness of farmers and improved livestock management. The target of lesser disease incidence and reduce mortality rates have direct impact on livestock production through the provision of effective extension services at farmers' doorstep. Furthermore, the project is envisaged that spreading the awareness in livestock farmers to adopt best management practices is linked with disease free/healthy animals and enhanced productivity. Farmers are expected to be well trained regarding livestock management practices to cater maximum production.

1.3 Project Activities

The mobile veterinary dispensaries/ambulances (2 in each district), equipped with necessary instrument, AI equipment including semen storage facility along with necessary veterinary medicines will be provided in each district. This will enable the field staff to visit far flung areas in order to provide veterinary facilities to the livestock owners at their doorsteps. The project activities will be implemented through existing staff of L&DD Department at division/District level. Skilled contingent paid staff will be hired to operate these ambulances. The vehicles along with other allied equipment/

accessories will be purchased through committee constituted for the purpose with defined TOR's.

A schedule of field visit will be prepared by the Additional director/ Deputy Director Livestock concerned for each Mobile Veterinary Dispensary. The MVD's will be well equipped with necessary veterinary instruments/medicines, semen of improved breeds and mineral supplements etc. The farmers will be trained in the areas of livestock management, Nutrition and disease prevention/control.

At least two meetings of the area farmers will be conducted every month for awareness regarding improved husbandry techniques, Animal Nutrition and vaccination against the infectious disease. A detailed curriculum will be prepared for the monthly meetings to be conducted keeping in view the seasonal eruption of livestock diseases and remedial measures thereof.

2. Evaluation Purpose/Objective and Structure

The purpose of this evaluation is to assess the extent to which the project was relevant and successful in meeting its objectives and also the extent to which the project design has been successful in achieving its desired results. The evaluation therefore is covering following aspects;

Relevance: The evaluation intends to analyze the project's anticipated potential and contribution towards the Paradigm shift from curative to preventive mode to cater the farmer's reluctance to bring their animals to static CVH/CVDs.

Efficiency: The aspect of efficiency will be analyzed in terms of analysis of project actual cost against the planned cost and actual time period against the planned gestation period.

Effectiveness: The assessment of effectiveness of the project includes the analysis planned physical targets (awareness campaigns, free of cost treatment, free medication etc). Following scale will be used for the analysis (Highly effective/Moderately effective/Not effective).

Sustainability: The sustainability will be explored through quality service delivery and benefit gain by livestock farmers in term of raise in productivity of their

animals. Following scale will be used for the analysis (Highly sustainable/Moderately sustainable/Not sustainable).

Risk: The risks to the project will be identified based on the review of the progress of the project and also on the results of the beneficiary analysis including the uncertain factors as well as post completion phase risks. Following scale will be used for the analysis (Very high/High/Medium/Low/Very low).

This evaluation report is structured in nine sections covering purpose of project evaluation, introduction of the project and its objectives, evaluation methodology, DGM&E assessment and data analysis, observations/recommendations and lessons learnt.

2.1 Evaluation Methodology

i. Team Composition

This evaluation is led by the Director General, DGM&E. The evaluation team has been composed based on their subject specialty, technical expertise in the field, data collection, analysis and interpretation.

Table 2.1 Evaluation Team Composition

Contents	Description
Evaluation Team	Amina Abrar (Evaluation Specialist) Dr. Muhammad Hasan Awan (Individual Consultant)
Location/District	i. Muzaffargarh ii. D.G.Khan iii. Rajanpur iv. Khanewal v. Kabeerwala vi. Multan vii. Sahiwal viii. MianChanoo ix. Bahawalpur x. Raheem Yar Khan xi. Faisalabad xii. Sargodha
Date Of Visits	Southern sites: 04-09-2018 to 09-09-2018 Central & Northern sites: 10-10-2018 To 11-10-2018
Telephonic Survey of Beneficiaries	Mr. Kashif Baber (M&E Assistant) Mr. Kashif Qasmi (M&E Assistant)

Contents	Description
	Madiha Mahmood (Individual Consultant)
Data Analysis	Madiha Mahmood (Individual Consultant)
Report Writing	Amina Abrar (Evaluation Specialist) Dr. Muhammad Hasan Awan (Individual Consultant) Madiha Mahmood (Individual Consultant)

The site visit plan of the terminal evaluation is attached at Annex-I

ii. **Data Collection Method and Source**

The data has been collected through a comprehensive desk review of the relevant documents provided by the department, available literature, inspection and assessment of different components of the site/project, meeting with the beneficiaries and results of a beneficiary survey to gauge the socio-economic potential/impact of the project. The list of documents reviewed in the process is Annex-II.

iii. **Unit of Analysis**

The universe of this study was province Punjab with total 441857 beneficiaries of MVD. Our unit of analysis is the type of disease endured by the farmer's animals in selected districts.

iv. **Sample size determination**

Sample size for total beneficiaries is determined by using following statistical formula:

$$n = \frac{NZ^2 V^2}{Nd^2 + Z^2 V^2}$$

Where

- n = Sample size for beneficiaries
- N = Total number of beneficiaries
- Z = Normal variate at 95 percent precision level
- d = Acceptable error i.e. 5 percent
- V = Guessed variability among sampling units (50 percent) for obtaining maximum

Hence sample size is determined as under:

$$n = \frac{441857 \times (1.96)^2 \times (50)^2}{[441857 \times (5)^2] + [(50)^2 \times (1.96)^2]}$$

$$n = 383.5$$

So the sample size for beneficiaries is 383.5, rounded off to 384.

v. **Sampling Distribution**

Evaluation of MVD extension services was proceeded in two stages i.e., multi-stage sampling technique was employed. At first stage after apportioning Punjab in three regions, selection of districts was made from each region in order to validate the project aimed outcomes. At second stage after the estimation of the appropriate sample size, distribution of estimated sample was made among districts selected at stage 1. Explicitly each stage is enlightened as follows:

Stage 1

There were 36 Districts in Punjab with around 441857 populations. These 36 Punjab districts were divided into 3 regions: Northern Punjab, Central Punjab and Southern Punjab. From these three regions, seven districts Faisalabad, Sheikupura, Bhakkar, Attock, DG Khan, Rahim Yar Khan and Vehari were selected for beneficiary survey. The selection of the districts was based on the livestock population as per livestock census 2017-2018. Representativeness of each region was also kept in mind.

Stage 2

Distribution of estimated sample was made in the selected districts. Stratified Random sampling¹ technique is used in this project evaluation for the distribution of sample size among respective districts. Details regarding each disease are given in the perusing table.

Table 2.2 Categories of Diseases along with sample proportion

Sr	Type of Disease	Total	Weightage to	Sample size	Appropriate
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¹ It is a method of sampling in which population is divided into strata. Population, i.e. District wise and year wise and proportion of different strata will be fixed in selected sample. After dividing the population into different strata, random sampling technique will be used in this technique, sample is selected starting by a random point and a fixed, periodic interval. Typically, every "nth" member is selected from every stratum with replacement in the sample.

No.		population	the total sample size	(Proportionate Weightage)	sample size
1.	Anorexia/Off feed	892	0.0073	2.80	5
2.	Bloat / Indigestion	908	0.0074	2.85	6
3.	Bronchitis	306	0.0025	0.96	5
4.	Castration	136	0.0011	0.43	4
5.	Deworming	46826	0.3832	147.13	126
6.	Dipping/spraying for Ecto parasites	7218	0.0591	22.68	21
7.	Drenching Pneumonia	95	0.0008	0.29	5
8.	Dressing	1609	0.0132	5.05	7
9.	Dystocia	276	0.0023	0.86	5
10.	Field Surgery	116	0.0009	0.36	5
11.	field treatment	8680	0.071	27.27	21
12.	Hyperthermia	2083	0.017	6.55	7
13.	Hypothermia	287	0.0023	0.90	5
14.	Impaction of Rumen	554	0.0045	1.74	3
15.	Lameness	237	0.0019	0.74	4
16.	Mastitis	2456	0.0201	7.71	8
17.	Metabolic Disorder	414	0.0034	1.3	6
18.	OPD	7591	0.0621	23.85	21
19.	Parasitic - Infectious Diarrhea	699	0.0057	2.19	5
20.	Suspected Blood Parasite	188	0.0015	0.59	5
21.	Suspected Contagious Caprine Pleuropneumonia	112	0.0009	0.35	2
22.	Suspected Infectious Coryza	280	0.0023	0.88	4
23.	suspected infectious Diarrhoea	2030	0.0166	6.38	6
24.	Tick Infestation	37322	0.3054	117.27	91
25.	Upper Respiratory Tract Infection /Problem	893	0.0073	2.80	7
	Total	122208			384

*No. of responses are increased or adjusted in order to take into account the representation of each district.

vi. District-wise distribution of estimated samples

The estimated sample is distributed among seven (07) selected districts. The district-wise distribution of sample is shown in the table below.

Table 2.3 Sample Size distribution among districts

Sr. no	Type of Disease	FSL	SHK	Bhakkar	Attock	DG Khan	Rahim Y. K	Vihari	Total
1	Anorexia/Of	1	1	1	1		1		5
2	Bloat /	1	1	1	1	1	1		6

	Indigestion								
3	Bronchitis		1	1	1	1		1	5
4	Castration		1	1			1	1	4
5	Deworming	18	18	18	18	18	18	18	128
6	Dipping/spraying for Ecto parasites	3	4	3	3	3	3	4	23
7	Drenching Pneumonia	1	1	1	1		1		5
8	Dressing	1	1	1	1		1		7
9	Dystocia	1	1	1	1		1		5
10	Field Surgery		1	1	1		1	1	5
11	field treatment	3	3	3	3	3	3	3	27
12	Hyperthermia	1	1	1	1	1	1	1	7
13	Hypothermia	1	1	1	1		1		5
14	Impaction of Rumen	1	1				1		3
15	Lameness	1	1				1	1	4
16	Mastitis	1	2	1	1	1	1	1	8
17	Metabolic Disorder	1	1	1	1		1	1	6
18	OPD	3	3	3	3	3	3	3	27
19	Parasitic Infectious Diarrhoea		1	1	1		1	1	5
20	Suspected Blood Parasite		1	1	1	1	1		5
21	Suspected Contagious Caprine Pleuropneumonia			1			1		2
22	Suspected Infectious Coryza	1	1	1			1		4
23	suspected infectious Diarrhoea	1	1	1	1		1	1	6
24	Tick Infestation	13	13	13	13	13	13	13	91
25	Upper Respiratory Tract Infection /Problem	1	1	1	1	1	1	1	7
	Total	54	61	58	56	55	48	52	384

vii. Indicators for beneficiary analysis

After analyzing broad objective of the project, following indicators associated with design, inputs, outputs and implementation were identified. The survey yielded quantitative and qualitative information on these indicators.

Table 2.4 Indicators of data Analysis

Indicator	Nature	Scale
MVD Knowledge/awareness about the veterinary dispensary services by livestock department	Qualitative	Yes/No
Satisfaction over MVD services	Qualitative	Very satisfied Satisfied Partially satisfied Not satisfied
Animal each farmer own	Quantitative	Number of Cow, Buffalo, Sheep, Goat, Camel etc.
Frequency of MVD visits	Qualitative	Monthly, after 2 months, after 3 months, *more than that
Farmer meeting	Qualitative	Yes/No
Satisfaction with the on duty doctors	Qualitative	Yes/No
Level of improvement in health	Qualitative	Improved, partially improved, not improved
Level of animal productivity increment	Qualitative	Increased, to some increased, not increased
Increase in income	Qualitative	Yes/No
Visits to static hospital/dispensaries	Qualitative	Yes/No
Payment for MVD services	Qualitative	Yes/No
Continuation of MVD services	Qualitative	Yes/No

The response of the farmer was collected with a well-designed questionnaires. Questionnaire are often the best way of gathering information on the mentioned indicators. The design of a questionnaire depends on whether the researcher wishes to collect qualitative or quantitative information. Telephonic survey was conducted to collect relevant information. The farmers' response was studied on 4 point continuum for Satisfaction over MVD services and Frequency of MVD visits. An earnest effort was made to study the farmers' response on Level of improvement in animal's health and Level of animal productivity increment in 3 point continuum which included Improved, Provision of Effective Veterinary & Extension Services at Livestock Farmers' Doorstep

partially improved, not improved and Increased, to some extent increased, not increased respectively. Following the completion of data collection, the collected data were coded, tabulated, classified and further categorized using frequency. Measures to check and verify the data validation and reliability were also adopted in the SPSS data sheet. The data filled on questionnaires was also randomly verified before entering the same on SPSS data sheet. For analysis of the data, SPSS software (latest version) was used. Questionnaire is at **Annexure-V**.

viii. Data Analysis

Following analysis has been carried out for the analysis;

Descriptive Statistics: The descriptive statistics like frequencies are used to describe the beneficiary characteristics as well as project's implementation and output indicators.

ix. Data Limitations

- The report relied on the data / information provided by the Livestock & Dairy Development Department.
- The beneficiary survey results relied on the feedback/data provided by the beneficiaries.
- DGM&E is not required to comment on the authenticity/ veracity of the documents/ information/ data provided by L&DDD.
- The beneficiaries' data was in very raw form and not refined or filtered.

3. Data Analysis and Findings of Beneficiaries Survey

The project was assessed based on the available documents, beneficiary survey, input from respective districts farmer interviews.

3.1 Selected District for Survey

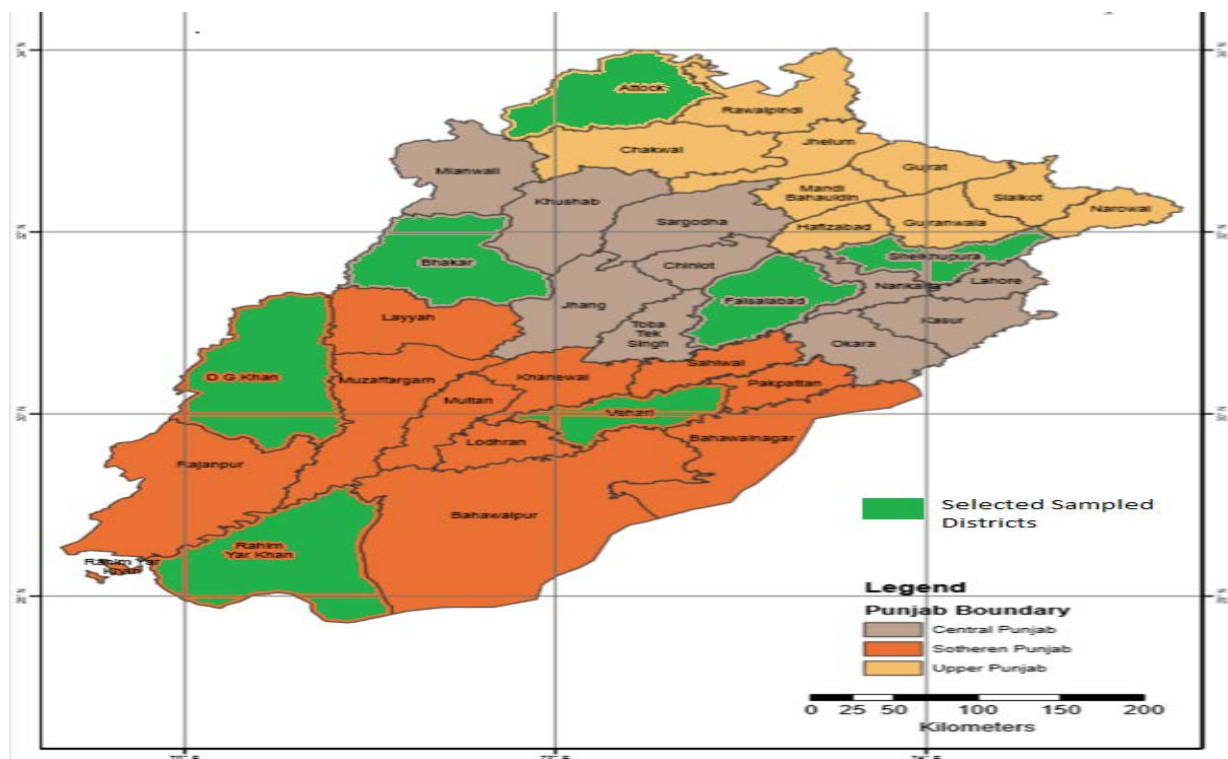


Figure 2: Beneficiaries Survey Location Map

3.2 Farmer Spread

The geographical spread of the project includes the entire Punjab. i.e., all 36 districts of the Punjab region. Of these, seven districts namely Faisalabad, Sheikupura, Bhakkar, Attock, DG khan, Rahim Yar khan and Vihari were taken as sample.

Table 3.1 Overall Summary of Farmers of selected regions

Districts	Farmers	Sample Size
Faisalabad	5565	54
SKP	23858	61
Bhakkar	14637	58
Attock	11247	56
DG Khan	10400	55
Rahim YK	44299	48
Vehari	12201	52
Total	122,208	384

Minutiae of animals owned by farmers in selected or sampled districts are as follows:

Table 3.2 Particulars of animals owned by farmers

	Cow	Buffalo	Sheep	Goat
No. of Respondents	141	246	83	183
Average	7.22	9.17	17.8	15.84
Minimum	1	1	1	1
Maximum	48	50	150	100

The table above is presented graphically as follows:

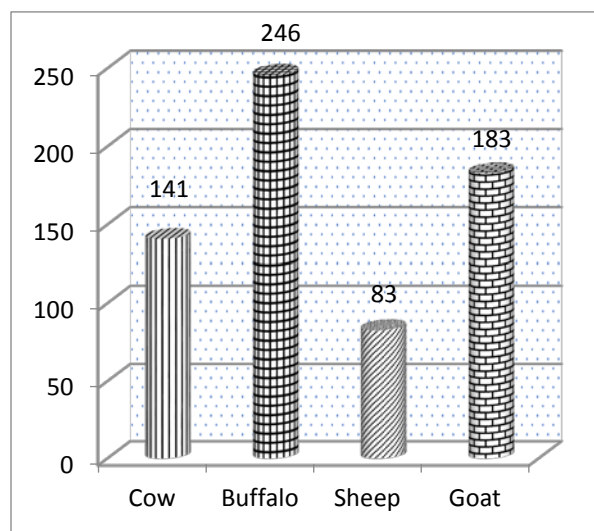


Figure 3: No. of Respondents

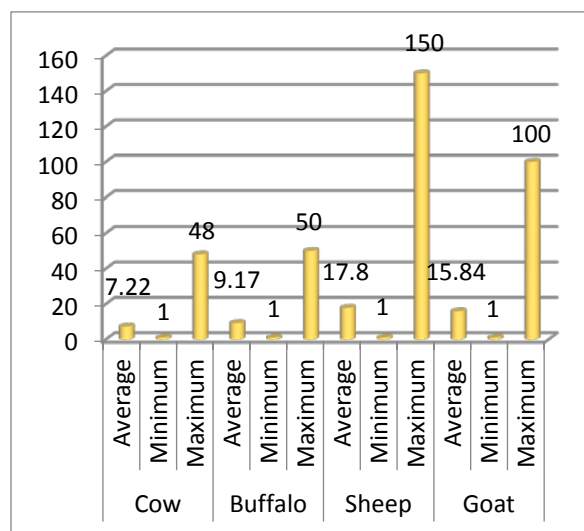


Figure 4: Statics of Animals owned

Analysis was based on the concept and design review of the project. Total beneficiaries were 441857 out of which sample of 384 was selected. Among this 384 sample of beneficiaries, our valid plaintiffs who actually got their animal treated were their 350 and 10 were those who claimed that MVDs have not visited to them or have not got their animal treated by MVD ever. Rest 24 beneficiary's numbers were either invalid or unreachable. Hence, our analysis is based on the responses received from 360 valid respondents. After the completion of required data collection, data was analyzed using data analysis software like SPSS and MS Office (Excel and Word). Standard statistical techniques i.e. descriptive analysis has been used to analyze and interpret data findings.

The beneficiaries were asked about knowledge of MVDs. 91% beneficiaries have awareness about MVD while 2.6% claimed to have no idea about such MVD's. The data analysis of these indicators is presented below.

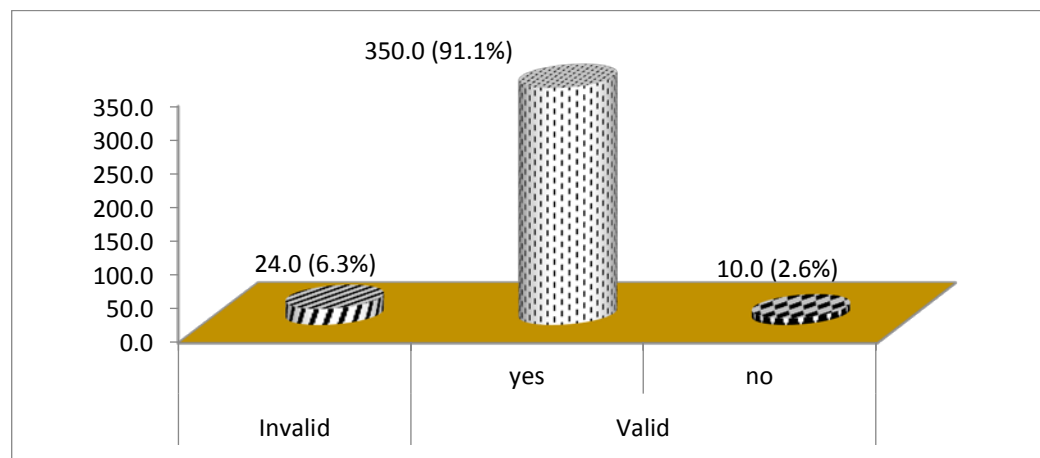


Figure 5: Number of Farmers having knowledge regarding the mobile veterinary services by livestock department

3.3 Satisfaction over the working of MVD staff

The beneficiaries were asked about their satisfaction over the working of MVD staff. In this regard, majority of the farmers were satisfied with the working of MVD. The Figure shows that 57% replied that they are satisfied whereas 18% replied that they were satisfied to some extent.

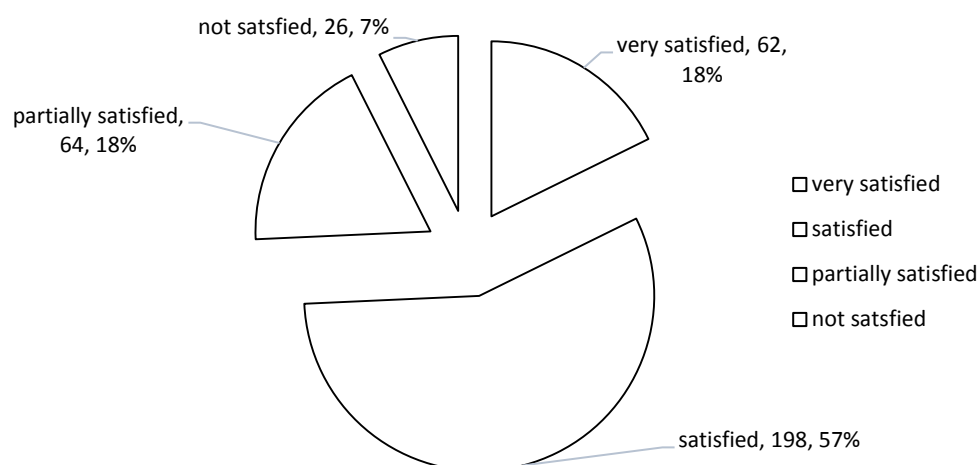


Figure 6: Satisfaction over the working of MVD staff

3.4 Frequency of MVD visits

The Figure 3.2 shows that large mass of farmers i.e., 51.3% told that MVD usually visits their area on monthly basis whereas 18.8% reported that MVDs visit after 2 months, 8.3% reported that MVDs visit after 3 months and 10.7% reported that MVDs visit more than that period i.e. bi-annually or once in a year.

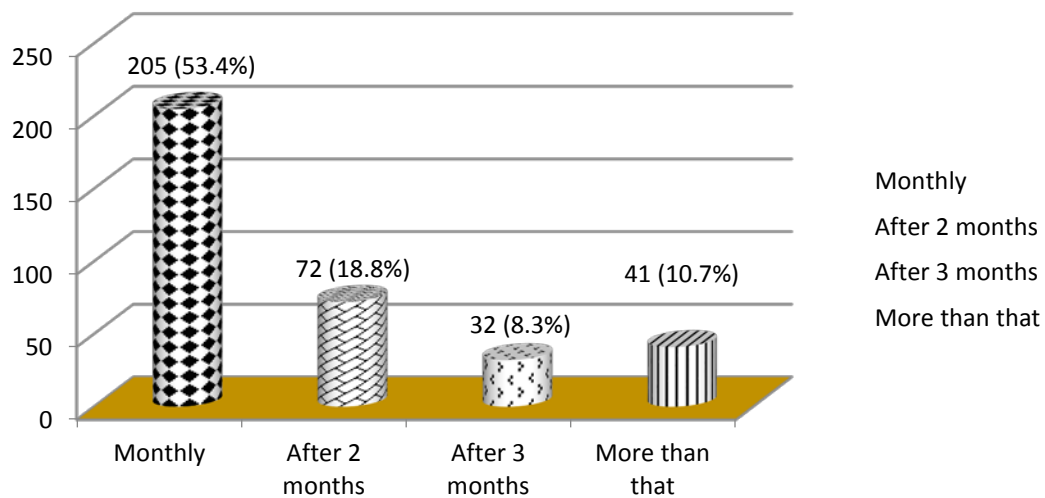


Figure 7: Satisfaction over the working of MVD staff

3.5 Farmer's Meeting

Moreover, It was asked that whether the farmer meetings are conducted or not. Responses are shown in figure. It says that approximately 66% acknowledged farmer-MVD's concerned person meetings. Whereas 25% told that no such meetings were conducted.

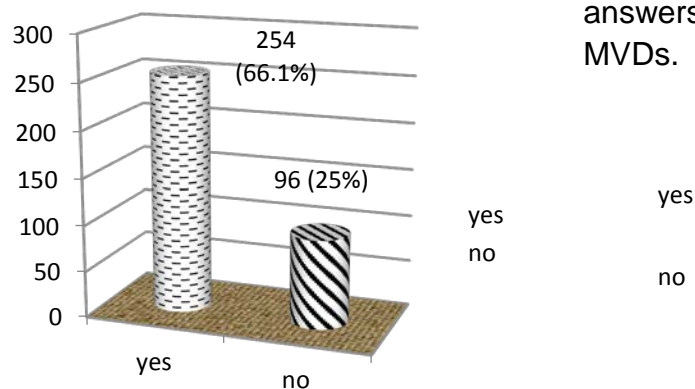


Figure 8: Farmer's Meeting

3.6 Satisfaction with the on duty doctor

As illustrated in figure, the percentage of farmers being satisfied with the on duty doctors. It can be observed that 79.4% farmers claimed that they were satisfied with the on duty doctors on MVDs while 11% of the farmers replied unsatisfactory answers towards the doctors appointed on MVDs.

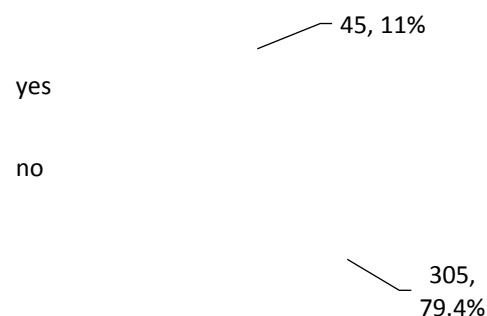


Figure 9: Satisfaction with the on duty doctor

Outcome Indicators

3.7 Increase in Animal Health and Productivity Improvement

Response against certain impact indicators was recorded in order to view the project's influence. Their graphical representation is as follows:

When asked about the animal's health, 43% replied positive that the health of their animals has been improved, while 51% claimed that the health of their animals was partially improved. Out of the sample, 6% replied that their animal's health was not improved.

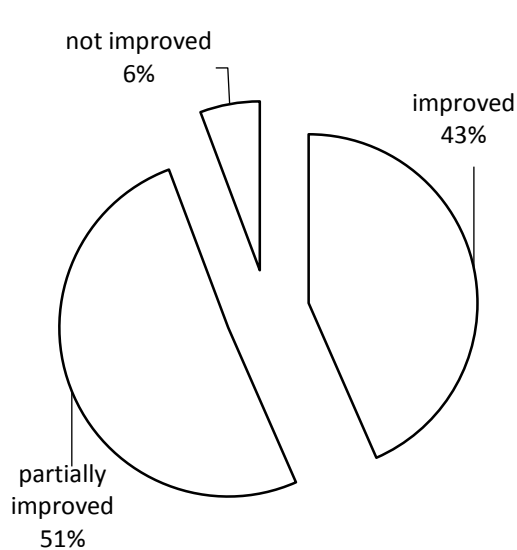


Figure 10: Increase in Animal's health

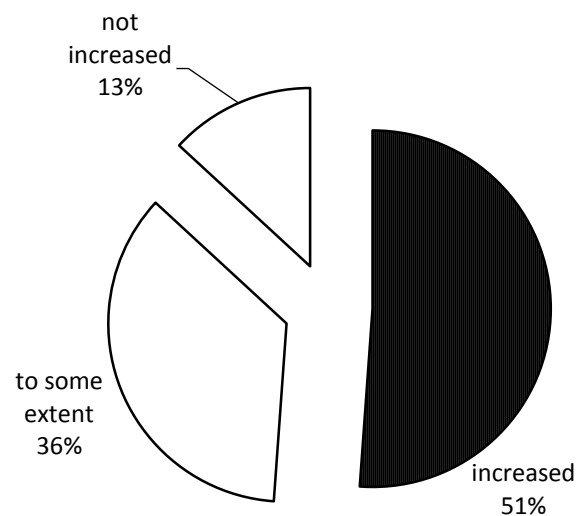


Figure 11: Productivity improvement

3.8 Farmer's visit to static hospital

When questioned regarding the farmers visit to static hospitals/dispensaries, 45.14% replied that they do visit the static hospital/dispensaries in their respective towns and 54.85% replied that they do not visit and are availing the facility of MVDs.

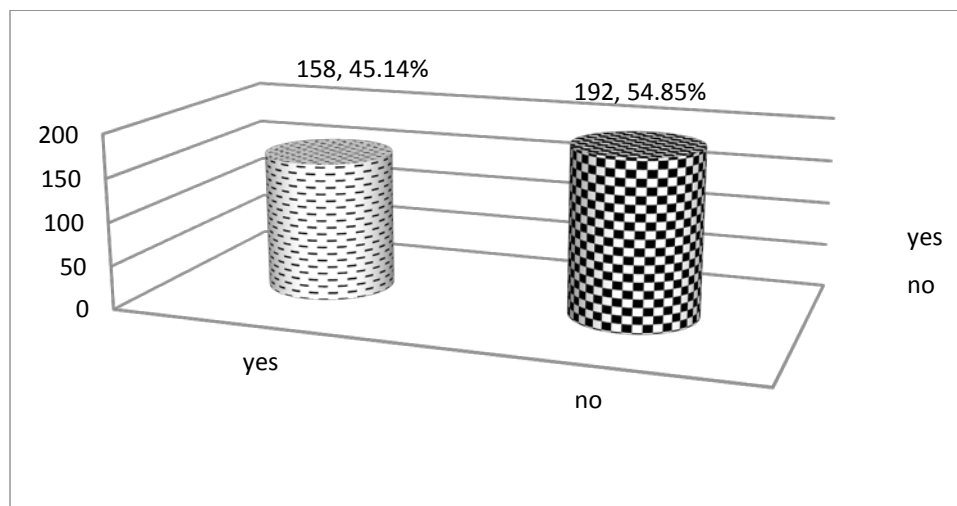


Figure 12: Farmer's visit to static hospital

3.9 Payment to MVD's Staff

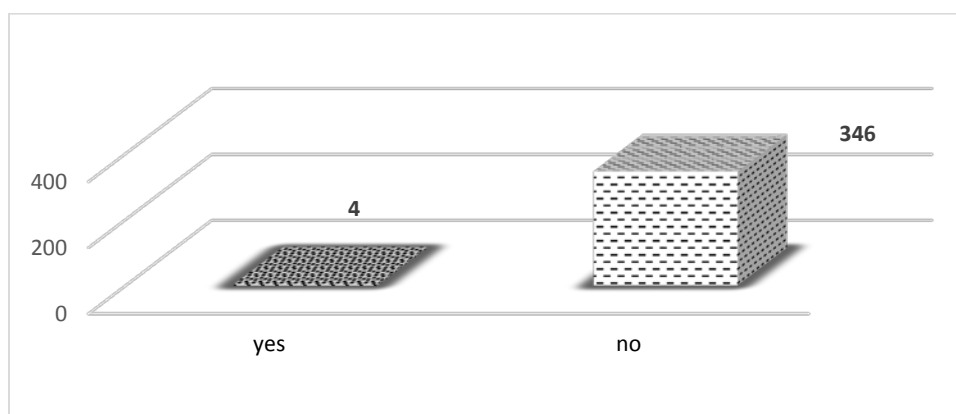


Figure 13: Payment to MVD's Staff

During the survey regarding payment to the MVDs staff, 90% replied that they have not paid any money to MVDs staff while only 1% replied that they have paid the staff in the form of provision of medicine or petrol cost.

3.10 Increase in income

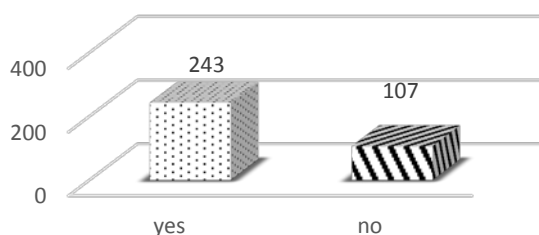


Figure 14: Increase in income

Similarly, related to increased income, 63.3% farmers replied that their income is increased after the project of MVDs while 27.9% recorded their reply that there was no escalation in their income.

3.11 Continuation of MVD services

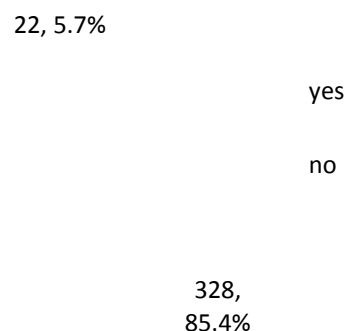


Figure 15: Continuation of MVD services

During the telephonic survey regarding the continuation of MVDs services, 85.4% replied that MVD services should continue and 5.5% responded that the services should be discontinued as they still have the difficulty in transporting their animals to the spot where MVD was parked.

Project Cost Analysis

The total cost of the project was Rs. 359.100 million financed by Provincial government.

Table 3.3 Project Cost Analysis

Year	PC-I	Allocation	Releases	Actual expenditure	% utilization on release
2016-17	359.100	359.100	359.100	344.347	95.89

Table 3.4 Item-wise Planned and Actual expenditure (Rs. Million)

S. No	Items (As per PC-1)	PC-I Estimates			Actual expenditure		
		Total	Local	FEC		local	FEC
1	Employ related expenses	4.894	4.894		4.042	4.042	--
2	Operating expenses	55.791	55.791	0.0000	42.060	42.060	0.00
3	Purchase of Physical Assets	278.415	278.415	0.0000	278.245	278.245	0.00
4	Repair and Maintenance	20.00	20.00	0.0000	20.00	20.00	0.00
	Total	359.100	359.100	0.0000	344.347	344.347	0.00

4. DGM&E Assessment of Project Objective

In order to evaluate the activities/design of the project, the evaluation team asked different questions during the survey of the beneficiaries. The following components of the activities have been evaluated as follows;

Objective	Activity	DGM&E Assessment
1. Paradigm shift from curative to preventive mode.	<ul style="list-style-type: none"> • Providing free of cost Mobile Veterinary Services to the livestock farmers at their door steps. • At least two meetings of the area farmers will be conducted every month for awareness regarding improved husbandry techniques, Animal Nutrition and vaccination against the infectious disease. A detailed curriculum will be prepared for the monthly meetings to be conducted keeping in view the seasonal eruption of livestock diseases and remedial measures thereof. 	<p>Partially Achieved</p> <p>It was observed during beneficiary survey, 91.1% farmers reported that they aware of the MVD service whereas 2.6% reported that they are not aware of this service moreover, 6.3% respondents are not reachable due to invalid number provided by the department.</p> <p>Regarding the service of MVDs, 57% livestock farmers replied that they are satisfied with service of MVDs whereas 18% and 7% farmers replied that they are partially satisfied and not satisfied with MVDs service respectively.</p> <p>As per plan, mobile veterinary services has been started by the department to facilitate the famers at their doorstep. Regarding the farmer meeting, it was observed during beneficiary survey that 66.1% farmers reported that farmer meetings</p>

	<ul style="list-style-type: none"> • Deworming • Vaccination • Mobilization, intensive dissemination of information regarding improved animal husbandry practices 	<p>were conducted whereas, 25% reported that no such farmer meetings were conducted. <i>Moreover, the curricula or material developed for this purpose was not shared by the department only pamphlets were shared and the title of the project was not mentioned on these pamphlet.</i></p>
2. To provide mobile veterinary services for animal treatment and related facilities to livestock/poultry farmers of the area at their door step.	<ul style="list-style-type: none"> • Procurement of vehicles and customized them as Mobile Veterinary Dispensaries fully equipped with required veterinary instruments. 	<p>Achieved</p> <p>Seventy-two vehicles were purchased as per plan (36 Mobile Veterinary Dispensaries (Toyota 4X4) and purchase of 36 Mobile Veterinary dispensaries (Toyota 4X2)) to accomplish the objective.</p>
3. To provide latest technology for disease diagnostics treatment and breeding.	<ul style="list-style-type: none"> • Purchase of AI kits for the purpose of breeding 	<p>Partially Achieved</p> <p>Disease diagnostic equipment (like Ultrasound machine and X-ray machines) were not purchased to accomplish this objective however, disease treatment equipment (dystokia kits, tooth rasp etc.) was found available in MVDs.</p> <p>Secondly, as per procurement review, AI kits were purchased but not available or utilized in any of the visited MVDs</p>

5. The Project Procurement Review

The procurement review of the project divulged that project procurement was conducted at centrally and at divisional level. The vehicles and Artificial Insemination (AI) kits were procured centrally through DG (Ext.) office whereas, purchase of IT equipment, furniture & fixture, other store items and stationery were purchased at divisional level.

The detail procurement analysis is shown in the tables below

Table 5.1 Analysis of Centrally Procured Items:

Item	Detail of Procurement	Remarks
Vehicles	Approved in PC-I	Purchase of 36 Mobile Veterinary Dispensaries (Toyota 4X4) and purchase of 36 Mobile Veterinary dispensaries (Toyota 4X2).
	Approved by Austerity Committee meeting	The MOM of Austerity Committee are available but summary to the Chief Minister for approval of vehicles was not provided.
	Quotation from authorized dealers of Toyota of Government of Punjab	List of authorized dealers of Toyota was not attached
	Purchase order	Available
	Bill	Available

Table 5.2 Purchase of Artificial Insemination Kits and veterinary equipment

Item	Detail of Procurement	Assessment by DGM&E
Artificial Insemination Kits and Veterinary Equipment	Advertisement	Available Daily Nawa-e-waqt Date: 23-12-2016 Last date: 16-01-2017 (25 days response time) IPL No. 15358
	Upload on PPRA website	23-12-2016 Last date: 16-01-2017
	Technical Bid Opening	Purchase committee minutes of meeting were provided which was held on 30-01-2017 however, MOM of technical and financial opening of proposal was not available.
	Evaluation Criteria	
	Financial Bid Opening	
	Letter of Acceptance	Available
	Award of Contract	
	Supply order	
	Bills	

Lahore Division:		

Procurement of purchase of IT equipment, furniture & fixture, other store items and stationery at Divisional Level

Table 5.3 Purchase of Hardware, cost of other store items and furniture & fixture

Items	Detail of procurement	DGM&E Assessment
Hardware, cost of other store items and furniture & fixture	Advertisement of Tender Notice	Available Daily Express: 16-04-2017 Daily Khabrain: 16-04-2017 Last date: 03-05-2017 at 2:00 pm (18 days response time) IPL No. 4391
	Upload on PPRA website	Upload date 17-04-2017 closing date: 03-05-2017
	Technical Bid Opening	3-05-2017 at 2:30 pm MOM of Technical Bid Opening were available
	Technical Evaluation criteria	Technical evaluation criteria and results were not available
	Financial Bid Opening	4-05-2017 at 3:00 pm
	Letter of acceptance	Not available
	Award of Contract	Available
	Purchase order	Available
	Bills	Available

Table 5.4 Purchase of Stationery Items

Items	Detail of procurement	DGM&E Assessment
Stationery Items	Advertisement of Tender Notice	Available Daily Nawa-e-waqt: 27-04-2017 Daily News: 27-04-2017 Last date: 15-05-2017 at 2:00 pm (19 days response time) IPL No. 4967
	Upload on PPRA website	Upload date: 27-04-2017 Closing date: 15-05-2017
	Technical Bid Opening	15-05-2017 at 2:30 pm MOM of Technical Bid Opening were available
	Technical Evaluation	Technical evaluation

Items	Detail of procurement	DGM&E Assessment
	criteria	criteria and results were not available
	Financial Bid Opening	16-05-2017 at 11:00 am
	Letter of acceptance	Not available
	Award of Contract	Available
	Purchase order	Available
	Bills	Available

Multan Division:

Procurement of purchase of IT equipment, furniture & fixture, other store items and stationery at Divisional Level. The detail procurement document of stationery items were not available or provided.

Table 5.5 Purchase of IT Hardware, cost of other store items and Furniture & Fixture

Items	Detail of procurement	DGM&E Assessment
Hardware, cost of other store items and furniture & fixture	Advertisement of Tender Notice	Available Daily Express: 08-04-2017 Daily Nation: 09-04-2017 Last date: 02-05-2017 at 11:00 am (25 days response time) IPL No. 3994
	Upload on PPRA website	Upload date 10-04-2017 closing date: 02-05-2017
	Technical Bid Opening	02-05-2017 at 2:30 pm MOM of Technical Bid Opening were available
	Technical Evaluation criteria	Technical evaluation criteria and results were available
	Financial Bid Opening	06-05-2017
	Letter of acceptance	Not available
	Award of Contract	Available
	Purchase order	Available
	Bills	Available

Sahiwal Division

Procurement of purchase of IT equipment, furniture & fixture, other store items and stationery at Divisional Level. The detail procurement document of stationery items were not available or provided.

Table 5.6 Purchase of IT Hardware, cost of other store items and Furniture & Fixture

Items	Detail of procurement	DGM&E Assessment
Hardware, cost of other store items and furniture & fixture	Advertisement of Tender Notice	Available Daily Khabrain: 01-05-2017 Daily Express: 30-04-2017 Last date: 17-05-2017 at 12:00 pm (18 days response time) IPL No. 5086
	Upload on PPRA website	Not available
	Technical Bid Opening	17-05-2017 at 12:30 pm MOM of Technical Bid Opening were available
	Technical Evaluation criteria	Not available
	Financial Bid Opening	Not available
	Letter of acceptance	Not available
	Award of Contract	Available
	Purchase order	Available
	Bills	Available

Faisalabad Division

Procurement of purchase of IT equipment, furniture & fixture, other store items and stationery at Divisional Level. The detail procurement document of stationery items were not available or provided.

Table 5.7 Purchase of IT Hardware, cost of other store items and Furniture & Fixture

Items	Detail of procurement	DGM&E Assessment
Hardware, cost of other store items and furniture & fixture	Advertisement of Tender Notice	Available Daily Nawa-e-waqt: 07-04-2017 Daily Express Tribune: 07-04-2017 Last date: 24-4-2017 at 12:00 pm (18 days response time) IPL No. 5086
	Upload on PPRA website	Not available

Items	Detail of procurement	DGM&E Assessment
	Technical Bid Opening	24-04-2017 MOM of Technical Bid Opening were available
	Technical Evaluation criteria	Available
	Financial Bid Opening	Available 02-05-2017 MOM were available
	Letter of acceptance	Not available
	Award of Contract	Available
	Purchase order	Available
	Bills	Available

Gujranwala Division

Procurement of purchase of IT equipment, furniture & fixture, other store items and stationery at Divisional Level. The detail procurement document of stationery items were not available or provided.

Table 5.8 Purchase of IT Hardware, cost of other store items and Furniture & Fixture

Items	Detail of procurement	DGM&E Assessment
Hardware, furniture & fixture and other store items	Advertisement of Tender Notice	Available Daily News: 21-04-2017 Daily Nawa-e-waqt: 20-03-2017 Last date: 06-4-2017 at 12:00 pm (18 days response time) IPL No. 3013
	Upload on PPRA website	Uploaded date: 20-03-2017 Closing date: 06-04-2017
	Technical Bid Opening	Available MOM of evaluation of Technical proposal of Hardware, furniture & fixture and other store items were available held on 06-04-2017 at 12:30 pm
	Technical Evaluation criteria	Available
	Financial Bid Opening	Available MOM of evaluation of financial proposal of Hardware, furniture &

Items	Detail of procurement	DGM&E Assessment
		fixture and other store items were available held on 25-04-2017
	Letter of acceptance	Not available
	Award of Contract	Available
	Purchase order	Available
	Bills	Available

Rawalpindi Division

Procurement of purchase of IT equipment, furniture & fixture, other store items and stationery at Divisional Level.

Table 5.9 Purchase of IT Hardware, cost of other store items and Furniture & Fixture

Items	Detail of procurement	DGM&E Assessment
Hardware, furniture & fixture and other store items	Advertisement of Tender Notice	The advertisement of only IT equipment is available Daily the News: 04-04-2017 Daily Jang: 04-04-2017 Last date: 20-4-2017 at 12:00 pm (17 days response time) IPL No. Not available
	Upload on PPRA website	Uploaded date: 04-04-2017 Closing date: 20-04-2017
	Technical Bid Opening	Available MOM of evaluation of Technical proposal of furniture & fixture were available held on 19-04-2017 at 1:00 pm MOM of evaluation of Technical proposal of IT Equipment were available held on 20-04-2017 at 1:00 pm MOM of evaluation of technical proposal of other store items are not available
	Technical Evaluation criteria	Evaluation criteria of IT equipment and furniture &

Items	Detail of procurement	DGM&E Assessment
		fixture is available
	Financial Bid Opening	MOM of evaluation of financial proposal of Hardware, furniture & fixture and other store items were not available only comparative statements were available
	Letter of acceptance	Not available
	Award of Contract	Available
	Purchase order	Available
	Bills	Available

Table 5.10 Purchase of Stationery Items

Items	Detail of procurement	DGM&E Assessment
Stationery items	Advertisement of Tender Notice	Not available
	Upload on PPRA website	Uploaded date: 05-04-2017 Closing date: 20-04-2017
	Technical Bid Opening	Available MOM of evaluation of Technical proposal of stationery items were available held on 22-04-2017 at 10:00 pm
	Technical Evaluation criteria	Evaluation criteria of stationery items is available
	Financial Bid Opening	MOM of evaluation of financial proposal of were not available
	Letter of acceptance	Not available
	Award of Contract	Available
	Purchase order	Available
	Bills	Available

Bahawalpur Division

Procurement of purchase of IT equipment, furniture & fixture, other store items and stationery at Divisional Level.

Table 5.11 Purchase of IT Hardware, cost of other store items and Furniture & Fixture

Items	Detail of procurement	DGM&E Assessment
Purchase of IT Equipment, furniture & fixture and Stationery items	Advertisement of Tender Notice	Available Daily Dawn: 02-04-2017 Last date: 17-4-2017 at 12:00 pm (16 days response time) IPL No. Not available
	Upload on PPRA website	Uploaded date: 08-05-2017 Closing date: 22-05-2017 Tender notice of only stationery items was uploaded.
	Technical Bid Opening	Available MOM of purchase committee held on 22-05-2017 for the purchase of stationery items were available
	Technical Evaluation criteria	Not available
	Financial Bid Opening	Not available
	Letter of acceptance	Not available
	Award of Contract	Available
	Purchase order	Available
	Bills	Available

Sargodha Division

Procurement of purchase of IT equipment, furniture & fixture, other store items and stationery at Divisional Level. The procurement detail of stationery items was not provided.

Table 5.12 Purchase of IT Hardware, cost of other store items and Furniture & Fixture

Items	Detail of procurement	DGM&E Assessment
Purchase of IT Equipment, furniture & fixture and Stationery	Advertisement of Tender Notice	Available but newspaper name were not mention Last date: 29-04-2017 IPL No. 4345

items	Upload on PPRA website	Uploaded date: 14-04-2017 Closing date: 29-04-2017
	Technical Bid Opening	Not Available
	Technical Evaluation criteria	Not available
	Financial Bid Opening	Not available
	Letter of acceptance	Not available
	Award of Contract	Available
	Purchase order	Available
	Bills	Available

DG Khan Division

Procurement of purchase of IT equipment, furniture & fixture, other store items and stationery at Divisional Level. The procurement detail of stationery items was not provided.

Table 5.13 Purchase of IT Hardware, cost of other store items and Furniture & Fixture

Items	Detail of procurement	DGM&E Assessment
Purchase of IT Equipment, furniture & fixture and Stationery items	Advertisement of Tender Notice	Not available
	Upload on PPRA website	Not available
	Technical Bid Opening	Not Available
	Technical Evaluation criteria	Not available
	Financial Bid Opening	Not available
	Letter of acceptance	Not available
	Award of Contract	Available
	Purchase order	Available
	Bills	Available

6. General Observations

Project Design

The direct observations of DGM&E are as under

1. The original approved cost of the project titled “**Provision of Effective Veterinary & Extension Services at Livestock Farmers Doorstep**” was Rs. 359.100 million with gestation period of 12 months (1st July, 2016 to 30 June, 2017). The project was revised with same cost and gestation period with certain change in scope of work (Reasons of Revision are at Annexure III). The actual utilization remained Rs. 344.347 million against the released amount of Rs. 359.100 million which shows financial utilization of 95.89%.

2. During procurement review of the project it was observed that most of the procurement of vehicles, veterinary equipment, hardware, store items and furniture & fixture was conducted from the period of January to May 2017 further, during field visits, veterinary officers appointed on MVDs reported that MVDs handed over to them between May to July 2017. It was also observed that project activities were triggered at the end of project period indicating lack of proper implementation and planning of the project.
3. The project was designed with main aim to have paradigm shift from curative to preventive measure and for this purpose mobile veterinary dispensaries services were planned to be provided to the livestock farmer at their door step. Seventy two (72) vehicles were procured (36 Mobile Veterinary Dispensaries (Toyota 4X4) and purchase of 36 Mobile Veterinary dispensaries (Toyota 4X2) however, it was observed during procurement review that minutes of Austerity Committee were not provided by the department.
4. As per PC-I, provision of contingent paid staff was made and documentary data evidence revealed that the department has hired 100 contingent paid staff members (88 drivers, 8 cattle attendants and 3 attendants). Department needs to justify hiring of 88 drivers when 72 vehicles were procured. The district wise detail of contingent paid staff is Annexure IV.
5. There were no tracking devices observed in the MVDs for monitoring however all the MVDs were insured. Tracking devices would have been more helpful to monitor the project activities in efficient way.
6. As per information provided by the department, all the procured vehicles were insured. However the documentation related to insurance of the vehicles (MVDs) was not provided. Moreover, Minutes of Austerity Committee Meeting were provided but summary for approval but summary to the Chief Minister for approval of vehicles was not provided.
7. It was observed during evaluation that MIS data of livestock farmer is not maintained properly and found certain ambiguities. The same farmer's name was entered five to ten times against the services provided to him which simply increase the count of beneficiaries.

Service Delivery

1. Number of facilities / equipment provided in the MVDs. It was observed that all the veterinary equipment (surgery kit, dystokia kit, catheters, electric dehorner gun, mouth gags etc.) were present in all the visited MVDs.
2. Provision of A.I facilities was included in the project plan and procurement review indicated that purchase contract /orders were issued to the supplier but no such facility being carried out in the field was observed. Department needs to justify the procurement of the AI kits when they are not performing / providing this facility.
3. It was observed during field survey that 91% beneficiaries had awareness about MVDs while 2.6% reported that they are not aware about MVD's service.
4. To analyze the satisfaction of farmers over the MVDs services provided by the department, it was observed that 57% livestock farmers reported that they are satisfied with service of MVDs whereas 18% and 7% farmers reported that they are partially satisfied and not satisfied with MVDs service respectively.
5. Regarding the frequency of MVDs visits, it was observed that 53.4% livestock farmers reported that MVDs visited on monthly basis whereas 18.8% reported that MVDs visited after 2 months and 10.7% reported that MVDs visited more than that period i.e. bi-annually or once in a year.
6. As per plan, department had to organize two Farmer meeting monthly hence, in this regard, the survey results revealed that 66% of the farmers reported that farmer meeting were held whereas 25% reported that no such meetings were conducted by the department. Further, the department had to develop curricula for this purpose however, no such curricula was shared with evaluation team even after verbal and written reminder.

7. DGM&E Assessment of Project Objective

7.1 Relevance

Pakistan's agriculture sector plays a central role in the economy as it contributes 18.9 percent to GDP and absorbs 42.3 percent of labor force. It is also an important source of foreign exchange earnings and stimulates growth in other sectors. Livestock having share of 58.92 percent in agriculture and 11.11 percent in GDP, recorded a growth of 3.76 percent compared to 2.99 percent during corresponding period last

year². Livestock & Dairy Development Department Punjab, is contributing toward the economy of Punjab in similar way and as per ADP 2018-19 Punjab, objectives of Livestock & Dairy Development department are focusing on

- To promote productivity by improving genetic potential of livestock;
- To encourage the livestock farmers and demonstrate greater efficiency and better returns for adoption of improved methods of animal husbandry;
- To enhance the quantity and nutritional quality of feed and fodder supplies;
- To transform livestock business from subsistence to the commercial venture.
- To ensure food security through competitiveness with generation of exportable surplus.
- To reformulate regulatory regime to attract private investment.

The project 'Provision of Effective Veterinary & Extension Services at Livestock Farmers Doorstep' was developed with an objective to have Paradigm shift from curative to preventive mode and provide services to around 441,857 livestock farmers³ all over the Punjab. Seventy-two (72) Customized Mobile Veterinary Dispensaries (MVDs) were purchased and brought on roads to serve the livestock farmers and every MVDs has designated with Veterinary Officer along with support field staff. The MVDs visited different areas all over the Punjab as per approved route plan. The project was planned for 12 month period (July 2016 – June 2017) and project's activities started in December 2016 with procurement of vehicles and other necessary items as approved in the PC-I.

During evaluation, it was observed that most of the project's procurement completed within the planned time period however, MVDs brought on route in month of May – June 2017. Keeping in view the achievement of the project, the evaluation assessed that the project has **substantial relevance** to the development priorities of the government.

² Economic Survey of Pakistan 2017-18

³ As per data provided by the L&DD

7.2 Efficiency

The cost and time period / gestation period analysis of the project revealed that project completed within the planned time period and not got revised on the basis of time period. The cost analysis of the project reflected that Rs. 344.347 million were actually utilized against the planned provision of Rs. 359.100 million which shows 95.89% utilization of the planned cost further, the project has not been revised on the basis of cost hence considering this cost and time period analyses, the project is rated as **efficient**.

7.3 Effectiveness

The three objectives of the project were output based. The project has partially achieved its first objective to have paradigm shift from curative to preventive mode. In this regard, beneficiary survey reflected that regarding the service of MVDs, 57% livestock farmers replied that they are satisfied with service of MVDs whereas 18% and 7% farmers replied that they are partially satisfied and not satisfied with MVDs service respectively. Further, as per plan, mobile veterinary services has been started by the department to facilitate the farmers at their doorstep and it was observed during survey that 66.1% livestock farmers reported that farmer meetings were conducted whereas, 25% reported that no such farmer meetings were conducted. *Moreover, the curricula or material developed for this purpose was not shared by the department only pamphlets were shared and the title of the project was not mentioned on these pamphlet.* The second objective was provision of MVD service for the treatment of livestock animals has been achieved successfully as 72 vehicles have procured and customized for MVD service as per plan. The third objective was deployment of latest technology for disease diagnostics treatment and breeding and it has been observed that the objective has been partially achieved as disease diagnostic equipment (like Ultrasound machine and X-ray machines) were not purchased to accomplish this objective however, disease treatment equipment (dystokia kits, tooth rasp etc.) was found available in MVDs. Further, as per procurement review, Artificial Insemination (AI) kits were purchased but not available or utilized in any of the visited MVDs.

Based on the objective assessment of the project, it has been ranked as **Moderately Effective**.

7.4 Sustainability

Project was mainly designed to have paradigm shift from curative to preventive mode. The sustainability of the project was gauged from beneficiary survey of the project and data was collected on certain outcome indicators which identifies the sustainability of the project. Regarding the improvement in animal health, 43% livestock farmers reported that animal health has been improved whereas, 51% reported that animal health has partially improved. The farmers were also asked regarding the productivity of their animal and 51% reported that productivity of their animals has increased whereas, 13% reported that productivity has not been improved through this service. The short term increase in income of the farmers was also analyzed with an increase in the productivity of the livestock animals and in response, 63.3% farmer reported that income has increased whereas 27.9% reported that income has not increased. It was also observed that 45.14% surveyed farmers reported that they still visit static veterinary facilities available in their vicinity whereas, 54.85% reported that they do not visited the static veterinary facility anymore. Further. Continuation of MVD services was also analyzed and in response, 85.4% livestock farmers replied that service should be continued whereas 5.5% suggested that the services should be discontinued.

Hence, in terms of sustainability, the project is ranked **moderately sustainable**.

7.5 Risk

The risk to the sustainability of the project is the quality of service delivery, the department is providing to the livestock farmers. The mechanisms of service delivery though are available but certain loop holes have identified like fluctuated frequency of MVDs visits, not frequent change in point of operation of MVDs, not detail medical checkup of animals, etc. such loop holes in service delivery poses a **risk** to the project's success.

The data of farmers was observed vague and found certain ambiguities which caused difficulties in analyzing this data set. If proper data maintenance of the farmer would not done by the department, the data will lost its value as the farmer data can play a vital role in term policy planning and future development planning of the livestock department. Further, the project procured bulk of vehicles in term of MVDs hence

proper mechanism or SOPs for maintenance of these vehicles should be devised to keep them working in long run. Keeping in view the above mentioned risks, the project is ranked at **medium risk**.

8. Conclusion

The project was evaluated for its relevance, efficiency, effectiveness, sustainability and associated risks along with site observation. It is concluded based on DGM&E assessment and analysis that the project is substantially relevant with government development priorities, efficient in terms utilization of cost and time period, moderately effective in terms of its physical objectives, moderately sustainable in terms of project outcome indicators, and at medium risk in terms of hindrance in project activities.

Further, the project needs to address the identified issues in term of service delivery and project design.

9. Recommendation

1. Keeping in view the achievement of the project, it is recommended to transfer from development to non-development side initially for the period of three years. After three (03), a detailed impact assessment study may be conducted for permanent transfer of the project to non-development side.
2. The final recurring cost of the project will be recommended / finalized based on the decision of the Evaluation Committee meeting. The detail recurring cost is at annexure IV.
3. Refer to recommendation No. 1, The Impact Assessment study should be designed in a way to analysis / estimate the outcomes of the project viz-a-viz production potentials of the livestock animals.
4. **It is recommended that distribution of MVDs should focus towards more deprived area and less concentration should be given to areas where static hospital services are available in a radius of 7 to 10 kms.**
5. Based on the survey analysis, it is recommended that project should improve the service delivery mechanism in term of frequency of MVDs visits, satisfaction of farmer over the services of MVDs, organization of farmers' meeting and

distribution of learning material regarding best practices of livestock/cattle farming.

6. It is recommended that complete disease diagnostic and breeding facilities should be provided to the farmers so that latest technologies can be integrated in the project facilities.
7. It is recommended that tracker devices should be installed in all vehicles to gauge the actual movement of the vehicles further, the tracker control should operate from DG (Ext.) office, L&DD to maintain the transparency.

10. Lesson learnt

The project is serving to livestock farmers who contributing a substantially toward provincial and national economies. The project itself contributing toward improvement in health of livestock animal however, by improving the service delivery mechanisms, the intervention can contribute in achieving the desired outputs in more systematic manner. Further, after transferring the project to non-development side, the unaddressed activities like Artificial Insemination (AI) and disease diagnostic facilities should be provided to get maximum benefits of the intervention.

Annexure I Site Visit Plan

Sr. no	Date	Location	Team members
1	04-09-2018 to 09-09-2018	DG Khan Muzaffargarh Multan Khanewal Sahiwal R.Y.Khan Rajan Pur Bahawalpur	1. Mr. Sadiq Munawar, Forest, Agri. & Livestock Specialist 2. Dr. Hassan Awan, Individual Consultant (Livestock Specialist)
3	10-10-2018 to 11-10-2018	Faisalabad Sargodha	1. Amina Abrar, Evaluation Specialist 2. Dr. Hassan Awan, Individual Consultant (Livestock Specialist)

Annexure II List of Documents Reviewed

- i. PC-I of the project (both Original & Revised)
- ii. Data provided by the staff of L&DD, during and after evaluation visit.
- iii. Information given by the local communities.
- iv. Literature Review
- v. Technically Sanctioned Estimates of the Project.
- vi. DGM&E Evaluation Guidelines.

Annexure III Reasons for Revision of PC-I

Reasons for Revision of PC-I

Sr. No	Original PC-I	Revised PC-I	Justification
1.	Funds to the tune of Rs. 262.800 million were allocated for Procurement of 72 Veterinary Mobile Dispensaries.	The allocation for the procurement of Vehicles has been reduced to Rs.217.980 million.	The allocation for the procurement of Vehicles has been reduced to Rs.217.980 million instead of Rs.262.800 million due to actual price quoted by the Firm.
2.	Funds were allocated to Director General (Ext) under, Printing & Publication.	All Funds to the tune Rs 3.500 million have been shifted to the Director communication and Extension L&DD Punjab.	As the Director Communication and Extension L&DD Punjab has the Departmental mandate for printing & publication therefore the funds have been shifted to Director C&E.
3.	Operating Expenses in Original PC-I were Rs. 59.800 million.	The Operating expenses have been reduced to Rs. 55.790 million.	The project was approved during the mid of current Financial year 2016-17. Therefore estimated allocation has been reduced to Rs. 55.790 million as the project is completing its gestation by 30 th June, 2017.
4.	All the Funds were allocated to the Director General (Ext) L&DD Punjab.	The Funds have been distributed among all the concerned Divisional Directors, Livestock and Director Communication & Extension besides Director General (Ext).	To streamline the Project Implementation activities and effective utilization of funds, the funds have been distributed among 9 Directors Livestock at Division & Director Communication & Extension working under the Administrative control of Director General (Ext).
5.	Furniture & Fixture/ IT equipment were not included in Original PC-I.	Furniture & Fixture/ IT equipment is included in Original PC-I.	The Project Monitoring is the essence of successful completion of the project. For coordination and conduction of monitoring activities, the field offices at tehsil level are need to be strengthen in terms of necessary facilities like furniture/ Fixture, IT equipment and other allied facilities.

Annexure III Recurring Cost of the Project

14. Recurring Cost after Completion of the Project

(Rs. Million)							
S. No.	Components	PC-I Estimates*			Actual Expenditure*		
		Total	Local	FEC	Total	Local	FEC
1	Total Operating Expenses	60.684	60.684	0.000	NA		
	Repair and Maintenance	4.500	4.500	0.000	NA		
		65.184	65.184	0.000	NA		
<ul style="list-style-type: none">Recurring expenditure of POL & M&R will be borne by the concerned Additional Director through availability of non-development budget.Mention source and agency responsible for financing the recurring cost after completion of the project-----Government of Punjab through Livestock Department							

*

Annexure IV- Detail of Contingent Paid Staff

Detail of Contingent Paid Staff Hired Under the scheme PROVISION OF EFFECTIVE VETERINARY & EXTENSION SERVICES AT LIVESTOCK FARMERS DOORSTEP			
Sr No	Name of Contingent Paid Staff hired	Designation	Contact No.
BAHAWALPUR			
1	Nisar Ahmad Farooqi	Driver	0300-6883150
2	Muhammad imran	Driver	0308-6314960
BAHAWALNAGAR			
1	Tahir Mehmood	Driver	0300-4999830
2	Malik Muhammad Usman Ghani	Driver	0300-6836279
RAHIM YAR KHAN			
1	Muhamamd Asad Ali	Driver	0305-3244413
2	Sami Ulah	Driver	0300-9675559
District Sahiwal			
1	Mr. Rehman Ali	Driver	0341-1427762
2	Mr. Umer Draz	Driver	0345-8102647
District Okara			
3	Mr. Muhammad Imran	Driver	0305-4588100
4	Mr. Nadeem Akhtar	Driver	0301-4615350
District Pak Pattan Sharif			
5	Riaz Ahmed	Driver	0344-6994013
6	Sanna Ullah	Driver	0300-6909318
Sargodha.			
1	Muhammad Akmal	Driver	0343-6930144
2	Fakhar Abbas	Driver	0300-6000725
District Khushab			
1	Qari Umar Draz	Driver	0301-6349472
2	Khuram Abbas	Driver	0302-4563542
3	Aman Ullah	Driver	0300-7285057
4	Muhammad Ayoub	Driver	0307-6726594
<u>Bhakkar</u>			
1	Mr. Kanwar Abdul Wahab Khan	Driver	0337-1645564
Mianwali			
1	Muhammad Akmal	Driver	0346-5537317
2	Muhammad Munawar Shahzad	Driver	0305-9123505
3	Liaqat Ali	Driver	0343-4402781
4	Aziz ur Rehman	Driver	0301-6758277
5	Muhammad Usman	Driver	0301-6506655
6	Amjad Shahzad	Driver	0306-5039030
7	Khalid Mehmood	Driver	0307-7518851

Rajanpur			
1	Mr. Muhammad Aqeel Jugan	Driver	0332-3253945
2	Mr. Shahzad Ahmad	Driver	0334-6783250
3	Mr. Sajid Hussain	Driver	0322-6169055
D.G.KHAN			
4	Muhammad Shehdaad Ashraf	Driver	0304-7100127
LAYYAH			
6	M. Ashghar	Driver	0308-8662802
Chiniot			
1	Mr. Muhammad Mubashir Nawaz	Driver MVD Lalian-II	0301-7966818
TT Singh			
1	Mr. Muhammad Yasir S/O Muhammad Aslam	Driver	0344-0768349
2	Mr. Muhammad Waseem Abbas S/O Muhammad Saddique	Driver	0343-1075670
3	Syed Imran Hussain S/O Syed Imtiaz Hussain	Driver	0300-6553505
Faisalabad			
1	Bashir Ahmad	Driver	0303-6813448
2	M Waseem	Driver	0348-5751037
3	Shahid Tanveer	Driver	0300-7285605
4	Ali Raza	Driver	0307-6096188
5	Akhtar Abbas	Driver	0345-7014702
Jhang			
1	Mr. Naseem Ahmad	Driver	0345-7584163
2	Mr. Qaisar Abbas	Driver	0345-4063590
3	Mr. Zia Ullah	Cattle Attendant	Employee Died
4	Mr. Haider Ali	Cattle Attendant	0314-8011066
5	Mr. Maqbool Hussain	Driver	0306-4977476
District Gujranwala			
1	Mr. Irfan Ahmad	Driver	0301-6495295
2	Mr. Mohammad Aqeel	Driver	0306-6149523
District Sialkot			
1	Muhammad Asif	Driver	0300-8882046
District Hafizabad			
1	Muhammad Riaz	Driver	0300-7438767
2	Raqab Ali	Driver	0300-6521851
District Narowal			
1	Naqash Ali	Driver	03066233664
2	Jabar Ali	Driver	03006248989
3	Yasir Ali	Driver	03012159525
4	Adnan Mehmood	Driver	03360420175

Lodhran			
1	Waseem Tahir	Driver	0300-7081602
2	Muhammad Yousaf	Driver	0305-6118546
3	Sajid Ali	Driver	0301-6590143
4	Muhammad Yasir	Driver	0300-3750957
5	Muhammad Sarfraz	Driver	0300-6382686
6	Muhammad Sabir	Driver	0300-2044618
7	Abdul Ghafoor	Driver	0301-6956837
8	Muhammad Nadim	Cattle Attendant	0302-3556080
9	Moin ud Din	Cattle Attendant	0303-6703500
Lodhran			
1	Abdul Rasheed	Driver	0305-7082813
2	Mushtaq Ahmad	Driver	0300-7323419
Khanewal			
1	Muhammad Tayyab	Driver	0300-8391558
2	Riaz Hussain	Driver	0345-7389711
3	Rafhan	Cattle Attendant	-
4	Muhammad Ibrahim	Cattle Attendant	0333-7258339
Vehari			
1	Adnan Ali Khan	Driver	0304-1771412
2	Aqib Javed	Driver	0307-7498489
3	Tanveer Sajjad Khan	Driver	0300-7337446
4	Waqas Mehmood	Driver	0307-6858763
5	Ghulam Murtaza	Cattle Attendant	-
6	Mehboob Ur Rehman	Cattle Attendant	0334-7192143
Lahore Division			
1	Muhammad Ramzan Driver	Driver	0300-6262644
2	Touqir Nasir	Driver	0345-4052462 0347-6020150
3	Paloos	Driver	0300-8479617
4	Farukh Abbas	Driver	0332-4435058
5	Muhammad Asim	Driver	
6	Muhammad Azeem	Driver	
7	Kashif Khan	Driver	0324-4795286
8	Mr. Bilal	Attendant	0321-4602931
9	Muhammad shahbaz	Attendant	0302-4602876
10	Ghulam Dastgeer	Attendant	0334-4127725
District Rawalpindi			
1	Mr. Babar Khan	Driver	0334-1800152
2	Mr. Kamran Ali	Driver	0344-8526290

3	Mr. Kalim Ullah	Driver	0302-7564036
4	Mr. Hamayoon Babar	Driver	0305-5294894
5	Mr. Yasir Mehmood	Driver	0304-3142531
District Attock			
1	Muhammad Umair	Driver	3075734554
2	Mutlob Ahmad	Driver	3155536062
District Chakwal			
1	Hafiz Saeed Ahmad	Driver	0307-6397453
2	Muhammad Sher Abbas	Driver	0312-7475210
District Jhelum			
1	Ikram Nabi	Driver	0302-7080594
2	Mazhar Ali	Driver	0345-5828540
3	Jabbran Akhtar	Driver	0312-2685007
4	Pervaiz Iqbal	Driver	0306-7956579
5	Ibrar Hussain	Driver	0345-5667292

Annexure V Data Collection Instrument: Beneficiary Questionnaire for livestock farmers

Name:

Phone number:

1. Do you know about the mobile veterinary dispensary services by livestock department?
 - a. Yes
 - b. No
2. Are you satisfied with the MVD services?
 - a. Very satisfied
 - b. Satisfied
 - c. Partially satisfied
 - d. Not satisfied
3. How many animals do you have?
 - a. Cattle
 - b. Buffalo
 - c. Sheep
 - d. Goat
 - e. Camel
4. How often do the MVD visit?
 - a. Monthly
 - b. After 2 months
 - c. After 3 months
 - d. More than that
5. Farmer meetings conducted?
 - a. Yes
 - b. No
6. Are you satisfied with the on duty doctor?
 - a. Yes
 - b. No
7. Either health of your animals is increased after the services of MVD or not?
 - a. Improved
 - b. Partially improved

- c. Not improved
- 8. Is the productivity of your animals increased?
 - a. Increased
 - b. To some extent
 - c. Not increased
- 9. Is your income increased?
 - a. Yes
 - b. No
- 10. Do you visit the static hospital/dispensaries?
 - a. Yes
 - b. No
- 11. Do you pay for the MVD services?
 - a. Yes
 - b. No
- 12. Do you think that this MVD services should continue?
 - a. Yes
 - b. No

Annexure VI Pictorial Evidence of Meter Reading of Rajan Pur and Sargodha



Directorate General of Monitoring and Evaluation, Planning and Development Department, Govt. of the Punjab (December, 2018) \\nas\Mid-Term Evaluation\Reports - Copy of the report may be downloaded from www.dgmepunjab.gov.pk

PERFORMANCE OF 72 MVDs PURCHASED UNDER ADP SCHEME "PROVISION OF EFFECTIVE VETERINARY & EXTENSION SERVICES AT LIVESTOCK FARMERS DOORSTEP"

#	District	Tehsil	Name of MVD	No. of Villages in the Catchment Area / Route Plan	Outdoor/FST Cases Performed			Farmers Days / Kisaan Baithak Performed		
					2022-23	2023-24	2024-25 (till now)	2022-23	2023-24	2024-25 (till now)
1	DG Khan	DG Khan	MVD Tribal Area	102	10401	13049	4874	1137	802	326
2	DG Khan	Koh e Suleman	MVD Tummun Buzdar-I	150	9541	8874	5288	173	116	52
3	DG Khan	Koh e Suleman	MVD Tummun Buzdar-II	130	9653	8656	3246	132	86	43
4	Muzaffargarh	Alipur	MVD Alipur	64	20441	12044	5262	52	48	28
5	Muzaffargarh	Jatoi	MVD Jatoi	40	42763	56343	34456	45	48	51
6	Layyah	Layyah	MVD LAYYAH-I	117	19841	12015	12875	64	51	46
7	Layyah	KAROR	MVD KAROR-I	123	46422	30282	13811	68	48	48
8	Rajanpur	Rajanpur	Rajanpur North	102	1394	1657	912	54	41	30
9	Rajanpur	Jampur	Jampur East	113	1782	1985	627	38	48	30
10	Multan	Multan	MVD-II Multan	147	15871	8590	4030	131	48	24
11	Multan	Shujabad	MVD Shujabad	83	21059	9552	5034	162	62	65
12	Khanwal	Jahanian	MVD Jahanian	62	5621	7285	2121	45	48	24
13	Khanwal	Kabirwala	MVD Kabirwala	112	9912	9413	4500	47	47	21
14	Lodhran	Lodhran	MVD Lodhran	145	5583	9797	3876	48	43	24
15	Lodhran	Kehror Pacca	MVD-Kehror Pacca-I	51	6061	3717	3621	48	36	26
16	Vehari	Vehari	MVD Vehari	224	13294	3588	511	70	30	24
17	Vehari	Mailsi	MVD Mailsi	159	5027	5683	4242	53	46	24
18	Bahawalpur	Bahawalpur	MVD Bahawalpur	172	13639	15662	6311	51	43	24
19	Bahawalpur	Ahmadpur East	MVD Ahmadpur East	186	9077	26487	17037	49	48	24
20	Bahawalnagar	Chishtian	MVD Chishtian	80	43064	30906	15813	110	53	24
21	Bahawalnagar	Haroonabad	MVD Haroonabad	88	27978	20263	10388	92	65	43
22	R Y Khan	Liaqat Pur	MVD Liaqat Pur	256	50155	20953	6026	108	42	22
23	R Y Khan	Sadiq Abad	MVD Sadiq Abad	281	17365	18211	7316	32	42	24

Existing Fleet of MVDs in Punjab

#	Formation	Vehicle No	Make	Model	Age of Vehicle
1	ADL Gujranwala	GAG-1113	HundaiShehzore	2007	18 years
2		GAG-1114	HundaiShehzore	2007	18 years
3		GAG-1193	HundaiShehzore	2007	18 years
4		GAG-17-9212	Toyota Hilax	2017	8 years
5		LEJ-1096	Toyota Hilux	2009	16 years
6	ADL Gujrat	LEG-3638	Shehzore Hyundai	2008	17 years
7		GTH-668	Toyota Hiace	2004	21 years
8		GTG-9211	Toyota Hilux (Double Cabin)	2017	8 years
9		GTG-9212	Toyota Hilux (Single Cabin)	2017	8 years
10	ADL Hafizabad	GAG: 7436	Toyota Hilux	1992	33 years
11		HZA: 6369	Shahzore Hundai	2007	18 years
12		HZG-17-9212	Toyota Hilux	2017	8 years
13		HZG-17-9211	Toyota Hilux	2017	8 years
14	ADL MB Din	MBG-9211	Toyota Hilux	2017	8 years
15		MBB-6850	Toyota Hiace	2007	18 years
16		MBB-4401	Toyota Hiace	2006	19 years
17		MBG-9212	Toyota Hilux Cabin	2017	18 years
18	ADL Narowal	GAJ-1394	Mazda	1994	31 years
19		GAG-07-1192	Hyndai Shahzore	2007	18 years
20		NLG-17-9211	Toyota Single Cabin	2017	8 years
21		KSC-2301	Shahzor Single Cabin	2007	18 years
22	ADL Sialkot	STG-1040	Toyota Hilux	2008	17 years
23		KSC-1308	Hyundai Shehzore	2006	19 years
24		GAJ-1393	Mazda	1993	32 years
25		STG-9212	Toyota Hilux	2017	8 years
26		STG-9211	Toyota Hilux	2017	8 years
27	ADL Sahiwal	SLG-9213	Toyota Hilux Double Cabin	2017	8 years
28		SLO-5003	Toyota Hilux Single Cabin	2005	20 years
29		LOT-3956	Nissan pickup single cabin	1994	31 years
30		SLO-5002	Toyota Hilux Single Cabin	2005	20 years
31	ADL Okara	LPT-539	Nissan Single Cabin	1993	32 years
32		LZB-9613	Toyota Hilux Single Cabin	2004	21 years
33		OKF-3818	Toyota Hilux Single Cabin	2006	19 years
34		OKG-9212	Toyota Hilux Single Cabin	2017	8 years
35		OKG-17-9211	Rivo Double Cabin	2017	8 years
36	ADL Pakpattan	PKG-17/9211	Toyota Rivo Double Cabin	2017	8 years
37		PKG/1018-09	Toyota Hilux singe cabin	2009	16 years
38		PKG-17/9212	Toyota Rivo Single Cabin	2017	8 years
39		LPT-404	Nissan	1993	32 years
40	ADL Attock	RIG 1192	Suzuki Pickup	2010	15 years
41		RIG 1023	Toyota Pickup	2009	16 years

#	Formation	Vehicle No	Make	Model	Age of Vehicle
42		AK 9212	Toyota Single Door	2017	8 years
43		AK 9211	Toyotoa Hilux Vigo	2017	8 years
44		RIG 1015	Shahzore	2010	15 years
45	ADL Chakwal	CHC-3150	Hyundai Shahzore	2007	18 years
46		CHC-3151	Hyundai Shahzore	2007	18 years
47		CHC-3152	Hyundai Shahzore	2007	18 years
48		CHG-17-9211	Toyota Double Cabin, Vigo	2017	8 years
49		CHG-17-9212	Toyota Single Cabin Pick Up	2017	8 years
50	ADL Jehlum	Islamabad GK-405	Suzuki Jummy	2007	18 years
51		CHC- 3153	Shahzor	1996	29 years
52		JMG-17/ 9212	Toyota Hilus Single Cabin	2017	8 years
53		RIN-6496	Toyota Hilus Double Cabin	1993	32 years
54	ADL Rawalpindi	RIG-9212	Toyota Double Cabin	2018	7 years
55		RIG-1004	Toyota Single Cabin	2010	15 years
56		RIG-9210	Toyota Single Cabin	2018	7 years
57		RIG-1005	Toyota Single Cabin	2010	15 years
58		LOT-632	Nissan Double Cabin	1993	32 years
59	ADL Jhang	JGG-9212	TOYOTA HILUX REVO	2017	8 years
60		LZB-7136	TOYOTA HILUX	2004	21 years
61		JGD-9918	TOYOTA HILUX	2006	19 years
62		LZB-7135	TOYOTA HILUX	2004	21 years
63		JGG-9211	TOYOTA HILUX	2017	8 years
64		JGD-9917	TOYOTA HILUX	2006	19 years
65		RIG-1186	LAND ROVER	2007	18 years
66		KSC-1305	HondaiShehzoar	2007	18 years
67	ADL TT Singh	KSC-1310	HondaiShehzoar	2007	18 years
68		TSG-9212	Toyota Hilux Revo	2017	8 years
69		TSG-9211	Toyota Hilux Revo	2017	8 years
70	ADL Chiniot	RIG-09-1017	HYUNDAI - SHEHZORE	2007	18 years
71		CTG-17-9211	TOYOTA - HILUX	2017	8 years
72		RIG-09-1014	HYUNDAI - SHEHZORE	2007	18 years
73	ADL Faisalabad	KSC-1304	Hyundai Shehzore,	2007	18 years
74		FDG-9212	Toyota Hilux Revo	2017	8 years
75		FDG-9213	Toyota Hilux Revo Single Cabin	2017	8 years
76		LEG-2750	Hyundai Shehzore	2007	18 years
77		LEG-2751	Hyundai Shehzore	2007	18 years
78		KSC-1306	Hyundai Shehzore	2007	18 years
79		GT-837	Suzuki Pickup	2007	18 years
80	ADL Lahore	LOT 3960	Singale cabin	1994	31 years
81		LEG 6837	Hyundai Shahzor	2007	18 years
82		GBA-567	Suzuki Bolan	2021	4 years
83		SLG 1032	Hyundai Shahzor	2007	18 years
84		AKB 8769	Hyundai Shahzor	1996	29 years

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85		GBA-568	Suzuki Bolan	2021	4 years
86		LOK 6223	Singale cabin	1997	28 years
87		GT 834	Suzuki Pickup	2005	20 years
88		LEG 6834	Hyundai Shahzor	2008	23 years
89		KBG43	Singale cabin	2008	23 years
90		GBA-569	Suzuki Bolan	2021	4 years
91		GBA-570	Suzuki Bolan	2021	4 years
92		LPT 513	Singale cabin	2008	17 years
93		GBA-571	Suzuki Bolan	2021	4 years
94		GBA-572	Suzuki Bolan	2021	4 years
95	ADL Kasur	NLG-9212	Toyota Hilux	2017	8 years
96		KSG-9211	Toyota Hilux	2017	8 years
97		KSG-1011	Toyota Hilux	2009	16 years
98		KSG-1012	Toyota Hilux	2009	16 years
99		KSG-9212	Toyota Hilux	2017	8 years
100		GT-644	Suzuki Jimmny	2008	17 years
101	ADL Sheikhupura	AD-22-519	Toyota Land Cruiser	1991	34 years
102		NBG-1071	Toyota Hilux	2009	16 years
103		NBG-1067	Toyota Hilux	2009	16 years
104		SAG-1011	Hyundai Shah Zore	2007	18 years
105		SAG-9211	Hilux SC Single Cabin	2017	18 years
106	ADL Nankana Sb	NBG-09-1073	Toyota Hilux (Single Cabin)	2009	16 years
107		LWC-6046	Toyota Hilux	2006	19 years
108		NBG-07-1082	Hyundai Shahzor	2007	18 years
109		NBG-17-9211	Toyota Hilux (Single Cabin)	2017	8 years
110	ADL Bhakkar	MIG-9211	Double Cabin/ Toyota	2016	9 years
111		RIG-1212	Toyota	2009	16 years
112		LOT-624	Double Cabin Dala	1992	33 years
113		LOK-6228	Nissan	1993	32 years
114		BKG-9211	Single Cabin	2017	8 years
115		RIG-1210	Toyota	2009	16 years
116	ADL Sargodha	SGG-9213	Toyota Hilux Revo(Double cabin)	2017	8 years
117		LEG-1521	Hyundai Shehroze 2007	2007	18 years
118		LEG-1519	Hyundai Shehroze 2007	2007	18 years
119		OKB-2557	Toyota Hilux 1986	1986	39 years
120		SGG-9212	Toyota Hilux 2017	2017	8 years
121		BRO-5126	Toyota Hilux 2007	2007	18 years
122		LEG-1520	Toyota Hilux 2007	2007	18 years
123	ADL Mainwali	LEG-9211	Toyata Hilux	2016	19 years
124		RIG-1025	Toyata Hilux	2009	16 years
125		MIB-8586	Toyata Hilux	2005	20 years
126		MIG-9211	Toyata Hilux	2017	8 years
127		SLH-528	Nissan	1993	32 years
128	ADL Khushab	KBG-9212	Toyota Hilux Double cabin	2017	8 years

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129	ADL Bahawalpur	SGG-1015	Toyota Hilux Single cabin	2009	16 years
130		SGG-1016	Toyota Hilux Single cabin	2009	16 years
131		LPT-519	Nissan	1993	32 years
132		BRG-1011	Shahzor	2007	18 years
133		BRG-9212	Toyota Hilux	2017	8 years
134		BRG-1013	Shahzor	2007	18 years
135		BRG-9211	Toyota	2017	8 years
136		BRG-1127	Shahzore	2009	16 years
137		BNH-9926	Hyundai Shahzore	2007	18 years
138		BNH-9927	Hyundai Shahzore	2007	18 years
139	ADL Bahawalnagar	BNH-9928	Hyundai Shahzore	2007	18 years
140		BNI-14-227	Suzuki Jeep	1984	41 years
141		BNG-17-9212	Hilux Rivo (Double Cabin)	2017	8 years
142		BNG-17-9211	Hilux SC (Single Cabin)	2017	8 years
143	ADL RY Khan	BRC-4387	TOYOTA	1989	36 years
144		LOK-6233	NISSAN	1996	29 years
145		BRG-1002	TOYOTA	2006	19 years
146		RNG-9212	TOYOTA	2017	8 years
147		RNG-9211	TOYOTA	2017	8 years
148	ADL DG Khan	DGG-36	Toyota Hilux Single Cabin	2012	13 years
149		DGG-38	Toyota Hilux Single Cabin	2012	13 years
150		LOK-6319	Nissan Single Cabin	1993	32 years
151		DGO-988	Toyota Hilux Single Cabin	2006	19 years
152		DGB-1317	Suzuki Jeep	1997	28 years
153		DGG-9212	Toyota/Rivo Double Cabin	2017	8 years
154		DGG-9213	Toyota/Rivo Double Cabin	2017	8 years
155		BKG-9211	Toyota Hilux Double Cabin	2016	9 years
156	ADL Layyah	LYD-3656	HAYUNDAI SHAHZOR	2007	18 years
157		LYD-3657	HAYUNDAI SHAHZOR	2007	18 years
158		LYG-9211-17	Toyota Hilux Single Cabin	2017	8 years
159		LYG-9211-16	Toyota Hilux Double Cabin	2016	9 years
160		LYG-9212-17	Toyota Hilux Double Cabin	2017	8 years
161		LPT-520	Nissan pickup single cabin	1993	32 years
162	ADL Rajanpur	BRO-5127	Hyundai Shehzore Pick up	2007	18 years
163		DGO-990	Toyota Hilux Single Cabin	2006	19 years
164		DGG-42	Toyota Hilux Single Cabin	2011	14 years
165		RPG-9211	Toyota Hilux Double Cabin	2017	8 years
166		RPG-9212	Toyota Hilux Single Cabin	2017	8 years
167	ADL M Garh	VRD-2712	Nissan, Single Cabin	1993	32 years
168		LZB-9607	Toyota Hi-Lux, Single Cabin	2004	21 years
169		LZB-9610	Toyota Hi-Lux, Single Cabin	2004	21 years

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170		MHG-9211	Rivo, Hi-Lux Double Cabin	2017	8 years
171		MHG-9212	Toyota Hi-Lux Single Cabin	2017	8 years
172	ADL Multan	MHC-3021	Toyota Hilux Single Cabin	2006	19 years
173		DGG-1006	Hyundai Shehzore	2007	18 years
174		MHC-3023	Toyota Hilux Single Cabin	2006	19 years
175		MNG-9213	Toyota Hilux Double Cabin	2017	8 years
176		MNG-9212	Toyota Hilux Single Cabin	2017	8 years
177	ADL Khanewal	DGG-1001	Hyundai Shehzore	2007	18 years
178		DGG-1005	Hyundai Shehzore	2007	18 years
179		KWG-9212	Toyota Hilux Rivo 4x4	2017	8 years
180		KWG 9211	Toyota Hilux Single Cabin	2017	8 years
181	ADL Lodhran	FDQ-5892	Nissan Single cabin	1993	32 years
182		BNJ-4881	Hyundai Shehzore	2008	17 years
183		LDG-9211	Toyota Hilux Single Cabin	2017	8 years
184		LDG-9212	Toyota Hilux Rivo (4x4)	2017	8 years
185	ADL Vehari	BRG-1128	Hyundai Shehzore	2009	16 years
186		BRG-1014	Hyundai Shehzore	2007	18 years
187		BNJ-4880	Hyundai Shehzore	2008	17 years
188		VRG-17-9211	Toyota Hilux Double Cabin	2017	8 years
189		VRG-17-9212	Toyota Hilux 4x2 Single Cabin	2017	8 years
190	Cholistan	BRG-1079	Land Rover	2009	16 years
191		BRG-1013	Land Rover	2009	16 years
192		BRG-1014	Land Rover	2009	16 years
193		BRG-1055	Land Rover	2009	16 years
194		BRG-1054	Land Rover	2009	16 years
195		BRG-1005	Toyota	2009	16 years
196		BRG-1006	Toyota	2009	16 years
197		BRG-1007	Toyota	2009	16 years
198		BRG-1008	Toyota	2009	16 years
199		BRG-1009	Toyota	2009	16 years
200		BRG-1010	Toyota	2009	16 years
201		BRG-1011	Toyota	2009	16 years
202		BRG-16-9211	Toyota	2016	9 years