

A Study on Impact Veterinary Services Provided through Pashu Sakhi in Dang, Dist., Gujrat under the AKRSP(I)”

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About Organization

- ▶ **Mission-**AKRSP(I) exists to enable the empowerment of rural communities and groups, particularly the under-privileged and women, to take control over their lives and manage their environment, to create a better and more equitable society“

Vision: The Vision "AKRSP(I) can contribute in India to the creation of an enabling environment in which rural people can identify their needs and priorities and with professional support, organize themselves to improve the quality of their lives“

OUR VALUE

- Empowerment
- Collaboration
- Transparency
- Equity
- Professional Excellence
- Responsive to Change

Profile dang dist

- ▶ **Dang** is a district in the southeastern part of the state of Gujrat in western India. The administrative headquarters of the district are located in Ahwa. Dang has an area of 1,764 km² and a population of 228,291 (as of 2011). As of 2011, it is the least populous of Gujarat's 33 districts. As per the Planning Commission, Dang is one of the most economically distressed districts out of 640 districts in India. 94% of the population belongs to one of the scheduled tribes. The five Kings of Dangs are the only hereditary royals in India whose titles are currently recognized by the government owing to an agreement between the Government of India and the Dang kings in 1842.

Introduction

- ▶ Livestock is an integrated part of rural livelihood systems in India, particularly for small and marginal farmers. Livestock plays a very critical role in risk mitigation in addition to income sources for rural people. In the regions where adequate land and water resources are available dairy has emerged as an important income source for the farmers. Goat rearing and poultry are less input-intensive hence suitable for farmers having a low resource base. Over time AKRSP(I) has worked with all three sectors: goat rearing, dairy, and poultry.
- ▶ Veterinary services play a crucial role in enhancing the livelihoods of tribal communities by improving the health and productivity of their livestock. This literature review aims to provide an overview of the types of veterinary services provided, their impact on tribal beneficiaries, challenges faced in service delivery, and potential opportunities for improving these services.

Research purpose

- ▶ **Impact of Veterinary Services on Animal Health in Tribal Areas**
- ▶ The provision of veterinary services has shown significant positive impacts on tribal communities.
- **Adoption of Services:** Studies indicate high adoption rates of veterinary services when they are culturally appropriate and easily accessible. The involvement of local community members in service delivery has further enhanced acceptance
- **Scalability and Sustainability:** Training local para-veterinarians has been a key factor in scaling up services sustainably. This approach not only ensures the availability of services but also builds community trust and engagement
- ▶ **Economic Benefits:** Improved animal health has led to increased productivity and reduced mortality rates, which in turn have enhanced household incomes. Livestock, being a significant asset for tribal households, contributes directly to their economic stability

Research Problem

- **Geographical Barriers:** The remote and often inaccessible locations of tribal communities pose significant logistical challenges. Delivering services to these areas requires innovative solutions and significant resources
- **Cultural Factors:** There is often resistance to modern veterinary practices due to cultural beliefs and reliance on traditional methods. Effective communication and community involvement are essential to overcome these barriers
- ▶ **Resource Limitations:** Limited financial and human resources can restrict the scope and frequency of veterinary services. Ensuring consistent funding and training is crucial for the sustainability of these services

Study Objective

- To study the various kinds of services and approaches adopted under veterinary services provided through Pashu Sakhi.
- To assess the impact of veterinary services in terms of adoption and income enhancement among tribal beneficiaries
- To study the current issues and challenges associated with the services and further opportunities under the Programme.

Research Questions:

- ▶ What is the impact of veterinary services provided through Pashu Sakhi in Dang, Gujrat under AKRSP(I)?

STUDY DESIGN:

The research design used by the researcher is descriptive. The objective of a descriptive study is to accurately describe a phenomenon. The study investigated the factors influencing the performance of 25 farmers of the Poultry Unit, Goat Unit, Cattle, and Pashu Sakhi.

► **Study setting:** This research will be conducted in the Dang district of Gujarat focusing on tribal communities actively engaged in livestock development under the Aga Khan Rural Support Program (India) [AKRSP(I)]. Dang, known for its diverse tribal population, provides a unique context for studying the practices and outcomes of livestock development activities under socio-economic and environmental conditions specific to the region

Study population:

- **Inclusion criteria:** Tribal families of Dang district who are actively involved in the Livestock Development Project are included in this study.
- **Exclusion Criteria:** Individuals or households who are not actively involved in the Livestock Development Project or who have not implemented a Livestock Development Intervention will be excluded from the study.

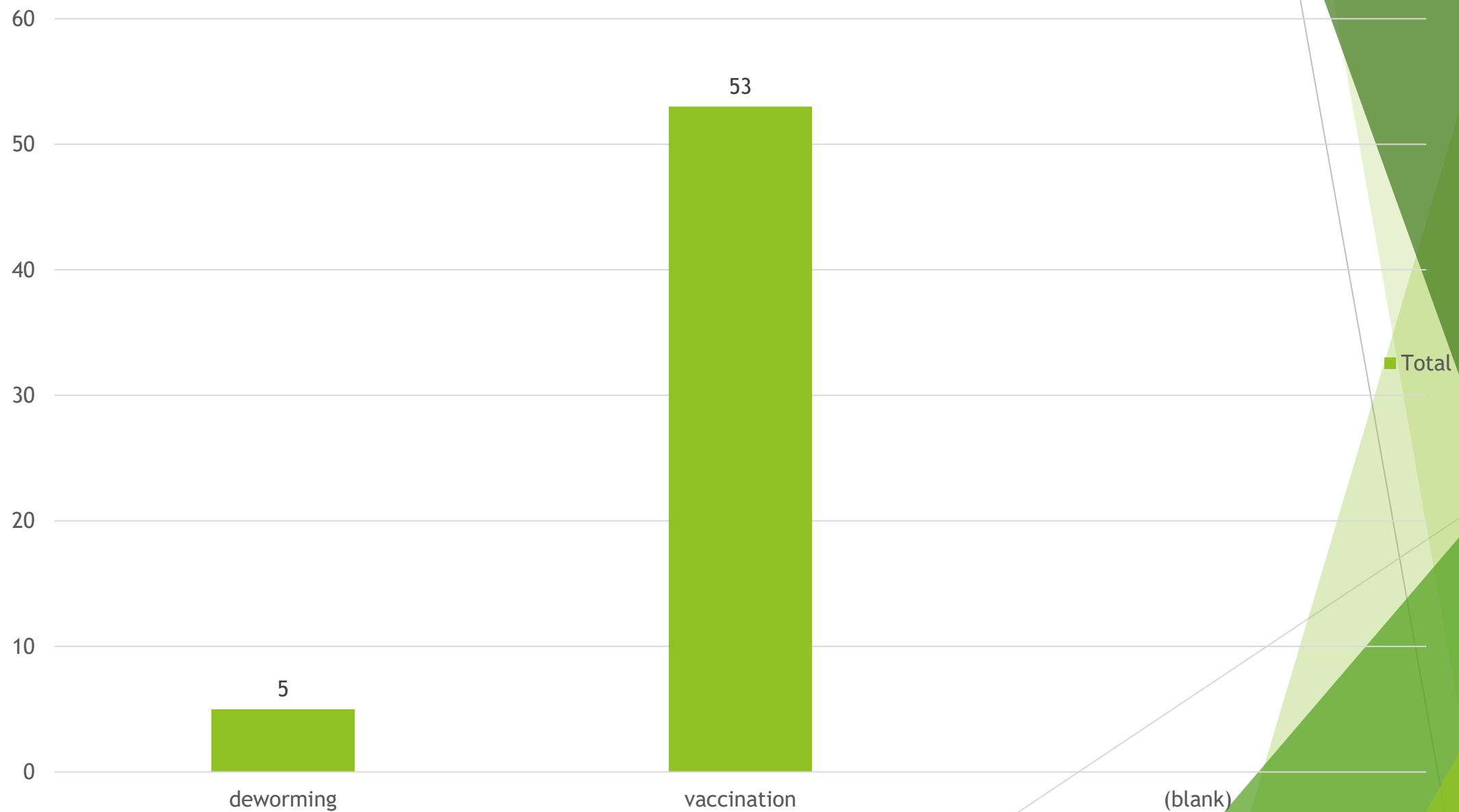
Duration of Study:

Duration: This study duration is going to be 3 months (14 March to 13 June 2024)

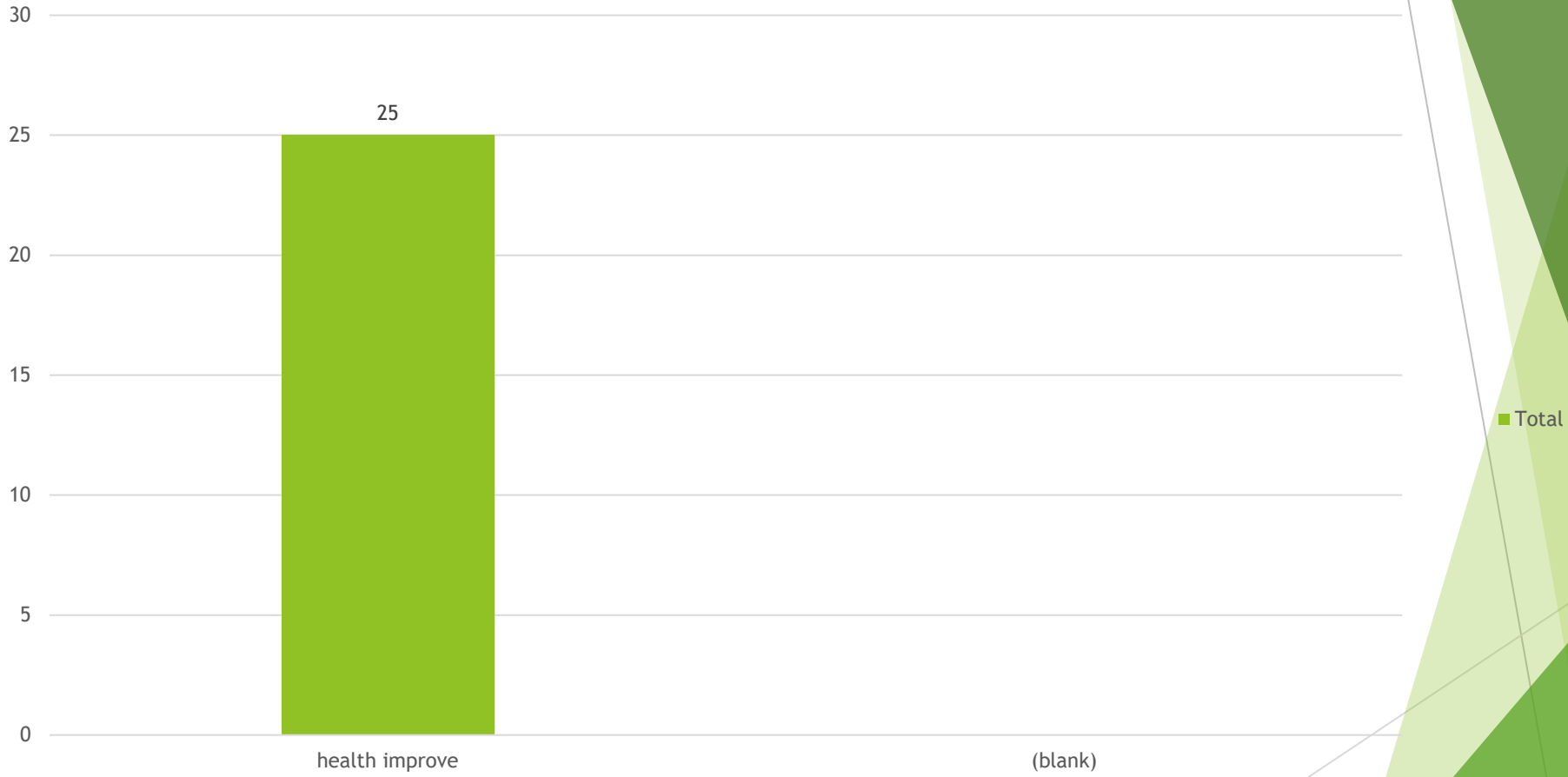
Sample Design:

- **Sample size:** The study involves a sample size of 50 respondents, irrespective of their background, Educational Qualification, and age group.
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- **Sampling Technique:** A study would use the technique of Simple Random Sample and Stratified Sample in research.

How many times did the owner received vetrinary and deworming services

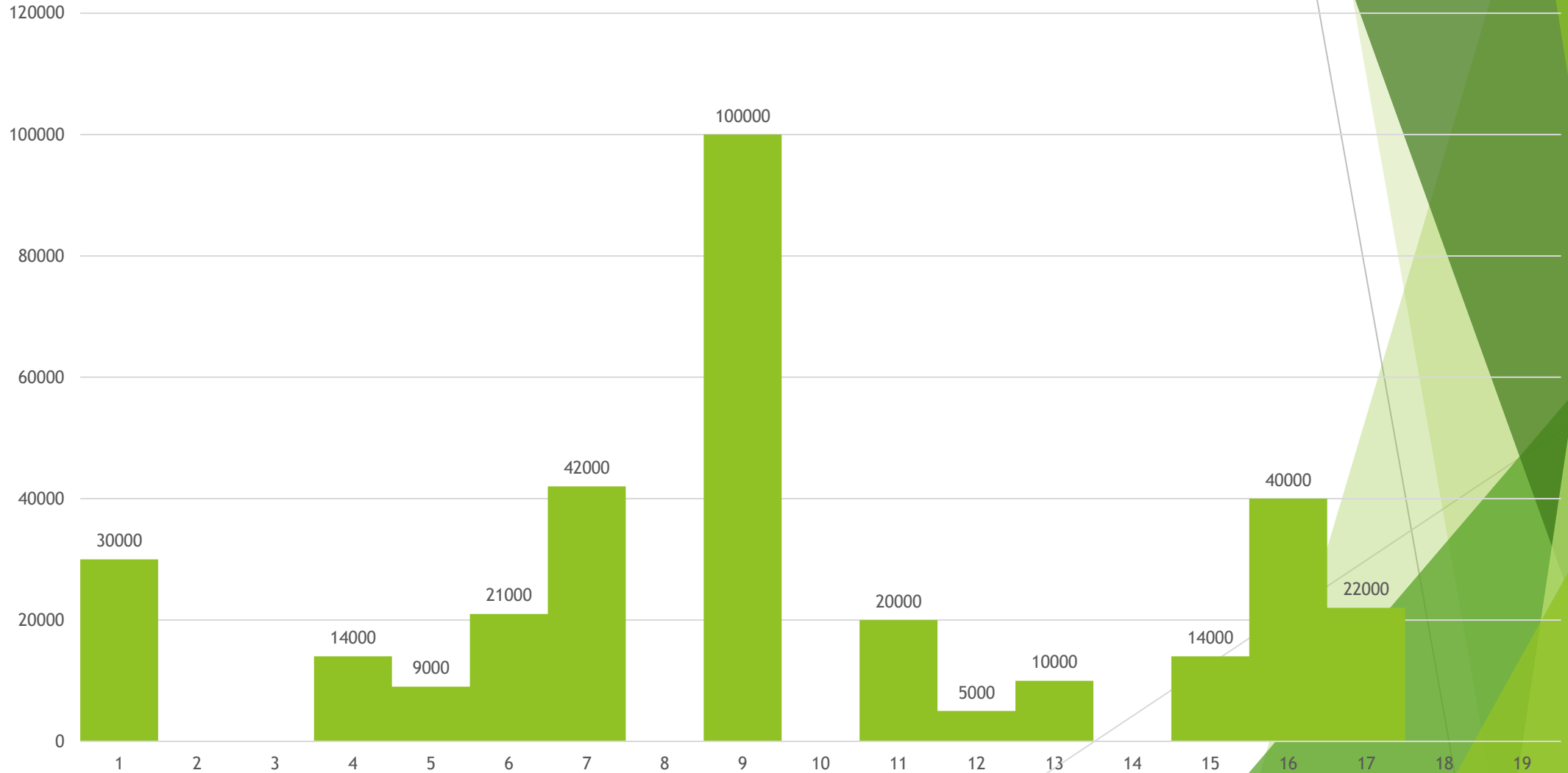


health improve poultry rearing beneficiary

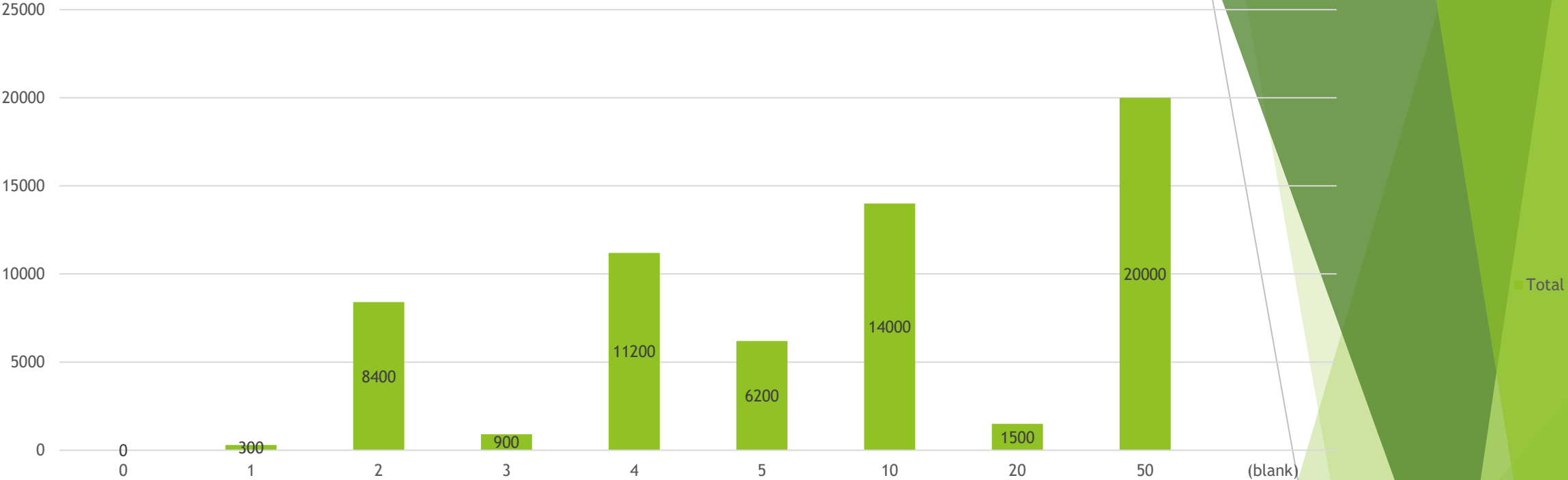


Analysis findings

Goatry sale income



Income increase in poultry through sell



Conclusions

- : This study research concluded that all the cattle keepers of Dang district Gujarat are taking full advantage of vaccination and deworming services from Pashu Sakhi. Earlier there used to be a lot of migration, but that has stopped as compared to earlier. Now their income level has increased through animal husbandry. Milk production has also increased. Cattle keepers are getting vaccination and deworming treatment at home from time to time. Women are being empowered by building capacity by training women through a series of training and proper training. Interest in animal husbandry has increased among the cattle keepers. Earlier, due to diseases in chickens and goats, a lot of dead goats used to die, due to which the cattle keepers used to suffer a lot and the cattle keepers used to lose interest in animal husbandry. Now a lot of change has happened due to Pashu Sakhi. Now vaccination and deworming are done 2 to 3 times a year by Pashu Sakhi before the disease comes, due to which the death rate of animals is 10%. it's done

Recommendations

- ▶ **Sanitation Practices:** Educate farmers on maintaining proper sanitation and hygiene in animal housing to prevent infections and diseases.
- ▶ **Regular Health Check-ups:** Conduct regular health check-ups and deworming. Improving veterinary services provided by Pashu Sakhi can significantly enhance the health of poultry, goats, and milch cattle, thereby increasing the income of livestock owners. Here are some suggestions:
 - ▶ **Training and Capacity Building**
 - ▶ **Regular Training:** Conduct regular training sessions for Pashu Sakhi on advanced veterinary practices, disease management, and animal nutrition.
 - ▶ **Workshops and Seminars:** Organize workshops and seminars with veterinary experts to update Pashu Sakhi on the latest developments in animal health care.

► **Nutrition and Feeding**

► **Balanced Diet:** Educate farmers on the importance of a balanced diet for their animals and provide guidelines for proper feeding.

► **Supplement Programs:** Introduce mineral and vitamin supplement programs to ensure animals receive essential nutrients.

► **Fodder Development:** Promote the cultivation of high-quality fodder and forage crops to improve the nutritional intake of livestock.

► **Breeding and Reproduction**

► **Breeding Programs:** Implement selective breeding programs to improve the genetic quality and productivity of livestock.

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► **Record Keeping:** Encourage the maintenance of detailed records of breeding, calving, and production to monitor progress schedules to ensure the well-being of animals.

► **Clean Water Supply:** Ensure a clean and adequate water supply for animals to prevent water-borne diseases.

- ▶ **Community Engagement and Support**

- ▶ **Awareness Campaigns:** Run awareness campaigns to educate the community on the importance of veterinary services and animal health.

- ▶ **Farmer Cooperatives:** Encourage the formation of farmer cooperatives to share resources, knowledge, and access to veterinary services

- ▶ References: <https://www.akrspindia.org.in/web/wherewework/gujarat>

- ▶ <https://www.akrspindia.org.in/web/resources/publication>



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