CAPACITY NEED ASSESSMENT (CNA)

OF BUREAU OF STATISTICS (BoS), BALOCHISTAN &
STATISTICAL CELLS IN THE LINE DEPARTMENTS FOR
IMPLEMENTATION OF 2030 AGENDA (SDGs) IN BALOCHISTAN

"It is abundantly clear that a much deeper, faster and more ambitious response is needed to unleash the social and economic transformation needed to achieve our 2030 goals."

António Guterres
United Nations Secretary General

Concept, Research, Content, and Design
Development Policy Unit, UNDP Pakistan
Balochistan SDGs Support Unit
Planning & Development Department, Government of Balochistan

@All Rights Reserved
No part of this publication may be reproduced or used in any form or by graphic, electronic or mechanical including photographic, recording, taping or information storage and retrieval system without written permission.

Table of Contents

Chapter	Title	Page
	Table of Contents	3
	List of Tables	6
	List of Figures	7
	List of Annexures	7
	Abbreviations	8
	Acknowledgements	10
	Executive Summary	13
1	Introduction	15
	1.1 Capacity Needs Assessment (CNA)	15
	1.2 Sustainable Development Goals (SDGs)	15
	1.3 Pakistan's Commitment to Implement SDGs Agenda	16
	1.4 The Need of Data for SDGs Reporting and Monitoring	16
	1.5 SDGs in Balochistan	16
	1.6 The Need for Capacity Assessment of Statistical Institutions	16
	1.7 Objectives of Capacity Needs Assessment	16
	1.8 Limitations of the Study	17
2	Methodology for Conducting Capacity Needs Assessment (CNA)	18
	2.1 Scope of Work	18
	2.2 Methodology	18
	2.3 Planning CNA	18
	2.4 Desk Review	19
	2.5 Tools for Data Collection	19
	2.6 Types of Data and Sources	19
	2.7 Data Analysis	20
	2.7.1 Quantitative Data Analysis	20
	2.7.2 Qualitative Data Analysis	21
	2.8 Consultative Workshop	21
	2.9 Recommendations	21
	2.10 Capacity Development Plan	21
	2.11 Report Preparation and Submission	21
	2.12 Approval for Conducting CNA Activity	21
3	Systems and Mechanism of Bureau of Statistics (BoS) Balochistan	22
	3.1 Establishment and Legal Framework of BoS	22
	3.2 Title: Bureau of Statistics (BoS) or Provincial Statistical Authority?	22
	3.3 Core Functions of BoS as Per the General Statistics Act, 2011	22
	3.4 Analysis of the Legal Functions of BoS Balochistan	23
	3.5 Human Resource of the BoS Balochistan	24
	3.5.1 Assigned Work of Assistant Directors in BoS	25
	3.5.2 Statistical Section	25
	3.5.3 Computer Section	26
	3.6 The Issue of Qualification of the Staff of BoS	26
	3.7 Data Types and Data collection	26
	3.7.1 Secondary Data Collection	27
	3.7.2 Capacity for Primary Data Collection	27
	3.8 Data Sources of BoS Publications	27
	3.9 Departments whose Data is not Reported by BoS	28
	3.10 Data Dissemination and Data Sharing	28
	3.10.1 Physical Infrastructure	28
	3.10.2 Financial Resources	28
	3.11 Data Production and Management	29
	3.12 Problems Faced by BoS	29
	3.13 Comparison Between the Provincial Bureaus	29
	3.14 Conclusion	31
4	Current State of the Statistical Cells of Line Departments	32
	4.1 Human Resource Capacity of Statistical Cells	32
	4.2 Equipment's Availability in Statistical cells	32
	4.3 Logistics Availability in Statistical Cells	33
	4.4 Logistics Availability in Statistical Cells	34
	4.5 Ranked Status of Statistical Cells in Line Departments	34

4.6 Human Resource Assessment of the Line Departments 67
4.7 Infrastructure Facilities in Statistical Cells of the Line Departments 69
4.8 Communication Facilities in the Line Departments 71
4.9 Availability of IT Equipment in the Line Departments 73
4.10 Availability of stationary 73
4.11 Availability of Logistics in the Line Departments for Data Collection 73
4.12 Availability of Statistical Cells in Line Department and their Titles 74
4.13 Data Collection & Preparation and Designing of Data Collection Tools 76
4.14 Data Collection Interval 76
4.15 Data Collection Mechanism 77
4.16 Sources, updating of Data Collection Tools, and Type of Data 77
4.17 Data Analysis Capacity, Availability and Mode of Sharing 77
4.18 Data Use, Publishing and Survey Conducting Capacity of Statistical Cells 80
4.19 Availability of Finances for Data Collection, Analysis and Reporting of Statistical Cells 81
4.20 SDG Awareness among the HR of the Statistical Cells in Line Departments 81

5 Alignment of Data in Development Statistics with SDGs 84
5.1 Description of Development Statistics (DS) 84
5.2 Alignment of Development Statistics Data with SDGs 84
5.2.1 Aligned 84
5.2.2 Partially Aligned 84
5.2.3 Not Aligned 85
5.3 Ranking of Line Departments based on Data Alignment with SDGs 85
5.3.1 Not at All Aligned Departments 85
5.3.2 Low Aligned Departments 85
5.3.3 Moderately Aligned Departments 85
5.3.4 Highly Aligned Department 85
5.4 Overall Alignment of Development Statistics with SDGs 86
5.5 Description of Relevant SDGs and Indicators with Line Departments 87

6 Mapping of Official Data Sources against each Indicator of SDGS 89
6.1 Goal-1: No Poverty 89
6.2 Goal-2: Zero Hunger 89
6.3 Goal-3: Good Health 89
6.4 Goal-4 Quality Education 90
6.5 Goal-5: Gender Equality 90
6.6 Goal-6: Clean Water and Sanitation 90
6.7 Goal-7: Affordable and Clean Energy 91
6.8 Goal-8: Decent Work and Economic Growth 91
6.9 Goal-9: Industry, Innovation and Infrastructure 91
6.10 Goal-10: Reduced Inequalities 92
6.11 Goal-11: Sustainable Cities and Communities 92
6.12 Goal-12: Responsible Consumption 92
6.13 Goal-13: Climate Action 93
6.14 Goal-14: Life Below Water 93
6.15 Goal-15: Life on Land 93
6.16 Goal-16: Peace and Justice 94
6.17 Goal-17: Partnerships for the Goals 94
6.18 Conclusion 94

7 Recommendations 95
7.1 Way Forward 95
7.2 Recommendation for Strengthening BoS Balochistan 95
7.2.1 Short-term Strategies 95
7.2.2 Long-term Strategies 97
7.3 Recommendation for Statistical Cells in Line Departments 99

8 Capacity Development Plan 101
8.1 Capacity Development Plan 101
8.2 Capacity Development Plan for BoS Balochistan 101
8.3 Capacity Development Plan for Statistical Cells 101
8.3.1 Change in the Statistics Act and Rules of Business 101
8.3.2 Development of Statistical Cells in Line Departments 101
8.3.3 Provision of IT Equipment 102
8.3.4 Finances for the Primary Data Collection 102

8.3.5 Trainings for Staff of the Statistical Cells 102
8.3.6 Development of SDGs Aligned Proformas 102

References 111

Annexures 112

List of Tables

Tables	Titles	Page
Table 2.1	Names of Departments Surveyed for this Study	19
Table 3.1	Human Resource of the BoS Balochistan	24
Table 3.2	Assigned Work of Assistant Directors in BoS Balochistan	25
Table 3.3	Data Sources of BoS Publications	27
Table 3.4	Departments Whose Data is not Reported by BoS	28
Table 3.5	Comparison Between the Provincial Bureaus of Statistics	30
Table 4.1	Statistical Capacity of Mines & Minerals Department	35
Table 4.2	Statistical Capacity of Agriculture Department	36
Table 4.3	Statistical Capacity of Secondary Education Schools Department	37
Table 4.4	Statistical Capacity of Social Welfare Department	38
Table 4.5	Statistical Capacity of Registrar Cooperative Societies Department	39
Table 4.6	Statistical Capacity of Law & Parliamentary Affairs Department	40
Table 4.7	Statistical Capacity of Services & General Administration Department	41
Table 4.8	Statistical Capacity of Fisheries Department	42
Table 4.9	Statistical Capacity of Bureau of Statistics	43
Table 4.10	Statistical Capacity of Youth Affairs Department	44
Table 4.11	Statistical Capacity of Irrigation Department	45
Table 4.12	Statistical Capacity of Food Department	46
Table 4.13	Statistical Capacity of Finance Department	47
Table 4.14	Statistical Capacity of Health Department	48
Table 4.15	Statistical Capacity of Religious Affairs Department	49
Table 4.16	Statistical Capacity of Minorities Department	50
Table 4.17	Statistical Capacity of Industries & Commerce Department	51
Table 4.18	Statistical Capacity of Provincial Transport Authority Balochistan	52
Table 4.19	Statistical Capacity of Culture Department	53
Table 4.20	Statistical Capacity of Higher/Technical Education Department	54
Table 4.21	Statistical Capacity of Population Welfare Department	55
Table 4.22	Statistical Capacity of Labor and Manpower Department	56
Table 4.23	Statistical Capacity of Local Govt./Rural Development Department	57
Table 4.24	Statistical Capacity of Sui Southern Gas Company	58
Table 4.25	Statistical Capacity of Forest Department	59
Table 4.26	Statistical Capacity of Environmental Protection Agency (EPA)	60
Table 4.27	Statistical Capacity of Livestock Department	61
Table 4.28	Statistical Capacity of Urban Planning/Development Department	62
Table 4.29	Statistical Capacity of Women Development Department	63
Table 4.30	Statistical Capacity of Sports Department	64
Table 4.31	Statistical Capacity of Communication & Works Department	65
Table 4.32	Statistical Capacity of Planning and Development Department	66
Table 4.33	Statistical Capacity of Public Health Engineering (PHE) Department	67
Table 4.34	Human Resource Capacity of Line Departments	68
Table 4.35	Infrastructure Facilities in Statistical Cells of Line Departments	69
Table 4.36	Commination Facilities in All Line Departments	70
Table 4.37	Availability of IT Equipment in the Line Departments	72
Table 4.38	Availability of Logistics/vehicle in the Line Departments for Data Collection	73
Table 4.39	Availability of Statistical Cells in Line Department and their Titles	74
Table 4.40	Data Collection & Preparation and Designing of Data Collection Tools	75
Table 4.41	Interval of Data Collection	77
Table 4.42	Data Collection Mechanism	78
Table 4.43	Sources, Revision of Data Collection Tools, and Type of Data	79
Table 4.44	Data Analysis Capacity, Availability and Mode of Sharing by Statistical Cells	80
Table 4.45	Data Use, Publishing and Survey Conducting Capacity of Statistical Cells	81
Table 4.46	Availability of Finances for Data Collection, Analysis and Reporting in Statistical Cells	82
Table 4.47	SDG Awareness Among the HR of the Statistical Cell in Line Departments	83
Table 5.1	Ranking of Line Departments based on Data Alignment with SDGs	85
Table 5.2	Description of Relevant SDGs and Indicators with Line Departments	87

List of Figures

Figures	Titles	Page
Figure 3.1	Staff Distribution at BoS Balochistan	25
Figure 3.2	Section-wise Staff Distribution in BoS Balochistan	26
Figure 4.1	Human Resource Capacity of the Statistical Cells in Line Departments	32
Figure 4.2	Availability of IT Equipment in Line Departments	33
Figure 4.3	Logistics' Availability in Statistical Cells of Line Departments	33
Figure 4.4	Logistics Availability in Statistical cells in Line Departments	34
Figure 4.5	Shows the Summary of Overall Facilities	70
Figure 4.6	Communication Facilities in All Line Departments	71
Figure 4.7	Shows the Stationary Items at Line Departments	73
Figure 5.1	Overall Alignment of Development Statistics with SDGs (Numbers)	86
Figure 5.2	Overall Alignment of Development Statistics with SDGs (Percentage)	86

List of Annexures

Annexures	Titles	Page
Annexure 1	Detailed Flowchart of CNA Methodology	112
Annexure 2	Details of the CNA Team	114
Annexure 3	CNA Work Plan	115
Annexure 4	Qualitative Statements about the Problems Faced by BoS Balochistan	116
Annexure 5	Alignment of Departments' Statistics Data with Targets and Indicators of SDGs	118
Annexure 6	Mapping Administrative Levels and Data Sources Against Each Indicator of SDGs	127
Annexure 7	Recommendations for Statistical Cells in Line Departments	135
Annexure 8	Checklist for Data Collection	151
Annexure 9	Semi-Structured Interviews	157
Annexure 10	Request for Providing Support to CAN Team During Data Collection	162
Annexure 11	Pictures of the Data Collection During CNA Activity	163

Abbreviations

ASER	Annual Survey of Education Report
BoS	Bureau of Statistics
BDA	Balochistan Development Authority
BISP	Benazir Income Support Program
CADD	Capital Administration and Development Division
CNA	Capacity Need Assessment
CPS	Contraceptive prevalence survey
CEDAW	Convention on the Elimination of All Forms of Discrimination Against Women
CRS	Creditor Reporting System
DDO	Drawing and Disbursement Officer
DHS	Demographic and Health Survey
DPS- PAK	Diabetes Prevalence Survey of Pakistan
DS	Development Statistics
EAD	Employment Authorization Document
EPA	Environmental Protection Agency
EHSAAS	Education Health Support Aid Awareness Society
FAO	Food and Agriculture Organization
FIES	Food Insecurity Experience Scale
GDP	Gross Domestic Product
GDA	Gwadar Development Authority
HIES	Household Integrated Economic Survey
HRCP	Human Rights Commission of Pakistan
HR	Human Resource
IER	Integrated Exposure-Response Functions
IT	Information Technology
IWRM	Integrated Water Resource Management
IRENA	International Renewable Energy Agency
MAPS	Mainstreaming, Acceleration and Policy Support
MICS	Multiple Indicator Cluster Survey
MIS	Management Information System
MoCC	Ministry of Climate Change
MoFEPT	Ministry of Federal Education and Professional Training
NDMA	Natural Disaster Management Authority
NEAS	National Education Assessment System
NEC	National Economic Council
NNS	National Nutrition Survey
NTP	National TB Control Program
PBS	Pakistan Bureau of Statistics
P&DD	Planning and Development Department
PDHS	Pakistan Demographic and Health Survey
PDMA	Provincial Disaster Management Authority
PES	Pakistan Economic Survey
PIFRA	Project to Improve Financial Reporting and Auditing
PMMS	Pakistan Maternal Mortality Survey
PSHS	Pakistan integrated household Survey
PSLM	Social & Living Standard Measurement Survey
PTA	Provincial Transport Authority
QDA	Quetta Development Authority
SDGs	Sustainable development Goals
SECP	Securities and Exchange Commission of Pakistan
SME	Small and Medium-Sized Enterprises
SPB	State Bank of Pakistan
UNDG	United Nations Development Group
UNESCO	United Nations Educational, Scientific and Cultural Organization
UNISDR	United Nations Office for Disaster Reduction
UNSD	Nations Statistics Division
UNW	United Nation Woman
WAPDA	Water and Power Development Authority
WASA	Water and Sanitation Authority
WDPA	World Database on Protected Areas
WFP	World Food Programme
WHO	World Health Organization

WTO	World Trade Organization

Acknowledgements

The capacity needs assessment (CNA) team is grateful to Allah Almighty who gave the team the courage and strength to carry out this work. This activity has been completed under the Letter of Agreement (LOA) between the United Nations Development Programme (UNDP) and the University of Balochistan (UoB).

Assistant Professor, Department of Geography and Regional Planning, and Social Sector Specialist at the Government Innovation Lab (GIL), University of Balochistan, Quetta led this activity as principal investigator (PI). With him, Associate Professor, Department of Statistics, Assistant Professor, Department of Disaster Management and Development Studies, University of Balochistan and Assistant Professor, Department of Commerce Education & Management Sciences, Higher Education Department, Khyber Pakhtunkhwa, Pakistan served as technical specialists.

The team is thankful to Director Office of Research, Innovation, and Commercialization (ORIC), University of Balochistan, Quetta for his guidance and unwavering support at each stage of this activity. Thanks are due to Chief of Section, Planning and Development Department (P&DD) Balochistan, Research Officer, P&DD Balochistan, and Director of Bureau of Statistics (BoS) Balochistan for extending their all-out support in data collection process.

Our heartfelt gratitude goes to Head of UNDP Sub-office Balochistan for his continuous support and appreciation. Special acknowledgment goes to the whole UNDP team We are highly indebted to Monitoring and Evaluation Officer UNDP for his technical assistance, comprehensive feedback, and productive suggestions on the initial and later CNA drafts.

We are also highly obliged to the secretaries, director generals and staff of the statistical cells of the line departments of Government of Balochistan for supporting the CNA team and providing the required data; without their support, the data collection would not have been possible. Moreover, we are thankful to all the participants of the workshop, particularly focal persons and staff of the statistical cells of line departments, academia, SDGs Support Unit, P&DD whose invaluable feedback and suggestions helped enhance quality of the first draft of the CNA report.

Last but not the least, our gratitude goes to Secretary Planning P&DD, and Secretary Implementation P&DD for their invaluable suggestions on improving the quality of the report.

Dr. Sanaullah Panezai,
Assistant Professor,
Department of Geography and Regional Planning

Message

The basic function of Bureau of Statistics (BoS) Balochistan is to collect, compile, analyze and disseminate statistical information relating to the trade and commerce, industrial, financial, social, economic, demographic, agriculture sectors in order to support the government departments with evidence that could help in policy planning and development across Balochistan.

Over the past decades, the BoS had been struggling to enhance its capacity to the level that could meet the expectations of the Government of Balochistan, particularly the main Planning and Development Departments. We had the realization that BoS needs to be strengthened and efforts had been put for revamping of the BoS in Balochistan. However, these efforts had not been fruitful and BoS had been facing the issues of capacity, poor coordination and linkages with the statistical cells of the line departments, and failures in disseminating the data as per the need of the Government and commitments of the international development organizations.

I have the realization that Pakistan is signatory to the United Nation's global agenda of 2030. In pursuits of the commitment, Pakistan has declared 2030 Agenda for Sustainable Development by adopting the Sustainable Development Goals (SDGs) as its national development agenda national level legislation in 2016. The Government of Balochistan has strong commitment to ensure that collection of statistical data to be in accordance with practices and standards of the United Nations and other international bodies for the purpose of fulfilling the international obligations of Pakistan in the field of statistics.

I am thankful to the UNDP Sub-Office Balochistan for carrying out the Capacity Need Assessment (CNA) for strengthening of the BoS Balochistan. I do believe that this study will serve as a roadmap for establishment of a strong, and well-equipped BoS that could meet the policy and planning needs of Government of Balochistan.

I also appreciate the efforts of Government Innovation Lab (GIL), University of Balochistan, Quetta for conducing the Capacity Need Assessment (CNA) of BoS Balochistan. I belief that the through the sustained coordination between Government and academia all socio-economic and development problems can be solved.

In the last, I reiterate the commitment of Government of Balochistan for ensuring the implementation of 2030 Agenda in Balochistan province through comprehensive SDGs-aligned data collection and reporting ecosystem.

Mr. Hafiz Abdul Basit
Additional Chief Secretary (DEV.)
Planning and Development Department,
Government of Balochistan

Message

The Bureau of Statistics (BoS) Balochistan is meant to produce the provincial data of all major sectors and departments of Government of Balochistan. The BoS has been sole provincial statistical authority for collection and dissemination of the statistical data at provincial level as per the General Statistics (Reorganization) Act 2011.

Currently, the BoS publishes a booklet known as the Development Statistics of Balochistan on yearly basis. The data for Development Statistics are collected data from secondary sources of the selected department of Government of Balochistan and from the departments of federal government operating in the province. The published data show basically the administrative aspects of the departments.

It is mandatory for Pakistan to produce the data as per the international commitments such as implementation of Sustainable Development Goals (SDGs) agenda. Unfortunately, majority of the data published by BoS are not aligned with the SDGs. The unaligned data cannot be used for ranking of Balochistan province. Thus, there was a dire need to collect and produce comprehensive data that could cover all relevant SDGs goals, targets and indicators at provincial level.

I pay heartiest regards to UNDP Country office and UNDP Sub Office Balochistan for helping Planning and Development Department (P&DD) in conducting the Capacity Need Assessment (CNA) of BoS Balochistan. This study will help P&DD to strengthen and reestablish the BoS as per the global, national and local needs.

I also congratulate the Government Innovation Lad (GIL), University of Balochistan for successfully completing the capacity need assessment of Bureau of Statistics Balochistan. The GIL was established by the Planning & Development Department (P&DD) with the support of UNDP for improving the service delivery and governance of government departments. I have a firm belief that GIL is coming up to the expectations of the P&DD and Government of Balochistan.

I lastly urge the concerned authorities in P&DD, Government of Balochistan to strengthen the BoS Balochistan because its need of time. The strengthening of BoS will help the Government of Balochistan to produce the reliable, comprehensive data covering all sectors which on one hand can be used for development of the Balochistan province while on the other hand, it can be used for implementation of 2030 Agenda.

Mr. Arif Hussain Shah
Chief (SDGs/Federal Projects)
Planning and Development Department,
Government of Balochistan

Executive Summary

Sustainable Development Goals (SDGs), adopted by the world community in 2015, constitute a coherent and integrated framework for achieving sustainable development around the world. The SDGs lay out an inspirational vision of the future, in which poverty and hunger are eliminated, gender equity and quality education are achieved, and the effects of climate change are contained. Compared to the MDGs, the scope of work and level of ambition of the SDGs is far more elaborate and extensive. Given the all-encompassing nature of the global goals, their implementation is rightly perceived as a colossal challenge for all countries, particularly for developing and underdeveloped countries. Apart from political challenges, the goals offer a variety of technical challenges when it comes to mainstream, finance and measure them. Keeping in view the political and technical complications associated with the goals, the United Nation Development Group (UNDG) advised an approach of Mainstreaming, Acceleration and Policy Support (MAPS) for the SDGs so that the countries have a standard but flexible technical support to mainstream and finance goals and measure progress against them. Mainstreaming refers to landing the 2030 Agenda at the national and local levels, and integrating it into national, provincial, and local plans for development and subsequently into budgetary allocations. Acceleration includes the initiatives voluntarily undertaken to accelerate the SDG implementation by governments and any other non-state actors - individually or in partnership. Whereas policy support means ensuring timely and efficient availability of skills and technical expertise to the member states as a support for the SDGs implementation in a coherent and integrated way. For accelerated and measurable progress on SDGs, strengthening monitoring and reporting mechanism is equally important and vital.

Pakistan was among the first few countries that adopted the SDGs and pronounced them as its national development agenda. Later, it began to roll out its political commitment by weaving an elaborate institutional web responsible for the implementation of the goals in the country. Moreover, the SDGs frameworks at the national and sub-national levels were formulated to not only determine immediate, medium and long-term priorities but also data situation that is necessary for measurement of progress against the targets. In this context, one of the biggest challenges is to generate, collate, analyse data which is aligned and consistent with the demands of the goals at the indicators level. In this connection, the role of statistical institutions at national and sub-national levels for monitoring and reporting is highly significant in the sense that these are the frontline institutions that are mainly responsible for supplying timely, accurate, and reliable data for monitoring, decision making, and reporting.

The need for the capacity need assessment primarily stems from the fact that the SDGs offer a wide variety of new dimensions of development which need to be implemented and measured. This data alignment challenge necessitates an assessment of the needs of institutions and organisations that are deemed to be responsible for supplying data for monitoring and reporting purposes.

Keeping in view the necessity to aligning data systems of the Bureau of Statistics, Planning and Development Department, Government of Balochistan, and the statistical cells run under supervision of different government departments such as the P&DD, the GoB and the UNDP commissioned the assignment to undertake a detailed and comprehensive need assessment of the aforesaid bureau and cells to determine the extent of alignment that needs to take place for better monitoring and reporting of the SDGs and strengthening of the institutions.

To achieve the desired objective of the capacity needs assessment, both primary and secondary data was collected from the Bureau of Statistics, Government of Balochistan, and line departments. A semi-structured questionnaire and checklist were used to collect the information from stakeholders and key informants from the said institutions. In addition, secondary data was also collected to determine the extent of data alignment with the peculiar needs and demands of the SDGs.

Findings reveal that the Bureau of Statistics (BoS), Government of Balochistan has the legal mandate to collect, analyse, compile and disseminate data regarding socio-economic and development indicators of the province. The BoS collects secondary data through written requests from the important line departments and publishes that data on annual basis in the form of a booklet called “Development Statistics of Balochistan”. Results indicate that there are twenty-two (22) sources of the secondary data and the majority of the collected data from these sources are mostly related to administrative aspects, and the collected data is partially aligned with the SDGs. The sources include key line departments such as health, education, agriculture, livestock, food, fisheries, finance, mine and mineral, and communication and works department etc.

The BoS Balochistan collects data from line departments once a year. For this purpose, the BoS sends the departments a proforma to report data. The BoS proforma in vogue is not aligned with the targets and indicators of the SDGs. The statistical capacity of workforce in the BoS is very low and most of them are unaware of the SDGs. The findings related to statistical cells in the thirty-four (34) line departments indicate that majority of these line departments have no or very weak statistical cells and data is managed by different sections in these departments. However, in some departments, statistical cells are working with different names, titled as planning and development cells, planning and monitoring unit, and management information system (MIS), etc.

This study concluded with a way forward with mid-term and long-term recommendations for strengthening and revamping statistical capacities of the BoS and statistical cells in the line departments. The mid-term strategies include strengthening statistical section of the BoS, strengthening statistical cells of the line departments as a base priority, providing financial authority to the BoS, provision of updated IT equipment, training for capacity development of the BoS and statistical cells of line departments, the SDGs aligned data collection and reporting, establishments of the official website, annual work plans for the BoS, awareness trainings about the SDGs, reduction in administrative staff, and re-designation of the existing vacant posts at the BoS. The long-term strategies include complete revival of the BoS, its restructuring and revamping, development of MIS for the BoS, provision of sufficient physical infrastructure, automation of data collection process, proper coordination between the BoS and Pakistan Bureau of Statistics, capacity development for primary data collection, a proper mechanism for checking the validity and reliability of data, training for capacity development of the BoS Balochistan, and for statistical cells of the line departments, and establishment of field offices.

Based on the findings of the need assessment exercise, a capacity development plan (CDP) for the Bureau of Statistics (BoS), Government of Balochistan, and statistical cells in the line departments has been formulated which has been presented at the end of this report in line with the Capacity Development Framework of the UNDP[1]. Successful implementation of the CDP will not only enhance existing capacity of the workforce in the BoS but will also enable the statistical institutions to align their data collection and statistical tools with the goals, targets, and indicators of the SDGs. In addition, the CDP will also help the government and all other users of data to have accurate statistical data and improve the statistical products for evidence-based decision making.

[1] UNDP (2020). Capacity Development Transition Assessment Tool.

Chapter 1

Introduction

1.1 Capacity Needs Assessment (CNA)

Capacity need assessment is a complete procedure to explore the current gaps within a system of organisation or a group in term of knowledge, skills, weaknesses and strengths, opportunities, threats, assets, and other elements which are crucial to achieving the pre-determined objectives (Agroforestry, 2019). The overall goal of a CNA is to determine the gap between required and existing capacities (Iddo Dror, Edwin Kangethe, & Phil Sambati, 2018). The CNA involves three steps: capacity gapes identification, required capacity identification, and the gap between desired and existing capacity (Agroforestry, 2019). The purpose of CNA is to identify the gaps and their causes which are to be filled. Further identification of gaps helps in the capacity development plan for the system (EUROSAI, 2009).

1.2 Sustainable Development Goals (SDGs)

Sustainable Development Goals (SDGs), also known as Global Goals, (UNDP, 2021) are a set of interlinked goals, targets, and indicators which lead to poverty elimination, plant protection, and ensuring peace and prosperity for everyone in the world. The SDGs comprise 17 integrated goals, 169 targets, and 244 indicators which help achieve the Global Sustainable Developments (UNDP, 2021).

The SDGs are the advanced version of Millennium Development Goals (MDGs) (Kumar, Kumar, & Vivekadhish, 2016). The MDGs were 8 global goals of sustainable development which were adopted in Millennium Summit 2000 in the United Nations Headquarters, New York (Uinted Nations, 2000). The SDGs were adopted in the United Nations Sustainable Development Summit 2015 in UN Resolution Agenda 2030 (Hák, Janoušková, & Moldan, 2016) where all the nations including Pakistan became signatories to it. (Goals, 2015). The SDGs are carrying forward the unfinished agenda of the MDGs with valuable experience learned from the MDGs in the last 15 years. Apart from sustaining the MDGs momentum, the SDGs also have to cope with an additional challenge of urbanisation and further strengthening the global partnership.

Following are the 17 goals with mission statements.

1. No Poverty: End poverty in all its forms everywhere
2. Zero Hunger: End hunger, achieve food security and improved nutrition, and promote sustainable agriculture
3. Good Health: Ensure healthy lives and promote well-being for all at all ages
4. Quality Education: Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all
5. Gender Equality: Achieve gender equality and empower all women and girls
6. Clean Water and Sanitation: Ensure availability and sustainable management of water and sanitation for all
7. Affordable and Clean Energy: Ensure access to affordable, reliable, sustainable and modern energy for all
8. Decent Work and Economic Growth: Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all
9. Industry, Innovation and Infrastructure: Build resilient infrastructure, promote inclusive and sustainable industrialization, and foster innovation
10. Reduced Inequalities: Reduce inequality within and among countries
11. Sustainable Cities and Communities: Make cities and human settlements inclusive, safe, resilient, and sustainable
12. Responsible Consumption: Ensure sustainable consumption and production patterns
13. Climate Action: Take urgent action to combat climate change and its impacts by regulating emissions and promoting developments in renewable energy
14. Life Below Water: Conserve and sustainably use the oceans, seas and marine resources for sustainable development
15. Life on Land: Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss

16. Peace and Justice: Promote peaceful and inclusive societies for sustainable development, provide access to justice for all and build effective, accountable and inclusive institutions at all levels
17. Partnerships for the Goals: Strengthen the means of implementation and revitalize the global partnership for sustainable development

1.3 Pakistan's Commitment to Implement SDGs Agenda

Pakistan has declared its commitment to the 2030 Agenda for Sustainable Development by adopting the Sustainable Development Goals (SDGs) as its national development agenda through a unanimous resolution of the National Assembly in 2016 (Government of Pakistan, 2019). Moreover, Pakistan soon established a Federal SDGs Support Unit under the Ministry of Planning Development & Special Initiatives (MoP&SI) (SDGs Pakistan, 2020).

As planning and development direly depend on the proper database analysis. In Pakistan, data for planning and development is provided by the Pakistan Bureau of Statistics (PBS). The SDGs aligned data is a basic need of sustainable development. Further, The General Statistics (Reorganization) Act 2011 clause (m) of section 4 (a) states that it is the function of the PBS to make sure that the United Nations Standard Statistical data is collected for Pakistan's global ranking. Thus, according to the Constitution and being a signatory to the UN SDGs agenda, Pakistan has to take initiatives to develop the SDGs aligned data ecosystem for sustainable development.

Currently, Pakistan's ranking in the United Nations' Human Development Index is 154th among 189 countries while our neighboring country India is at 131th (Tribune, 2020). Hence, Pakistan has to take serious steps to attain the goal of sustainable development which is not possible without the SDGs aligned data processing for planning.

1.4 The Need of Data for SDGs Reporting and Monitoring

Availability of data is a basic need of planning and development. For attaining sustainable development, the data has to be collected and analysed as per the standards of SDGs. Data needs to be measured through the SDGs indicators which have been adopted by the world community. The SDGs' aligned database is very much essential for the SDGs monitoring and reporting because the data is provided to international organisations for this purpose. The same data is used to assess the SDGs progress.

1.5 SDGs in Balochistan

In Balochistan, the implementation of the SDGs is very poor. The data ecosystem of Balochistan is not aligned with the SDGs. Currently, the data for 84% of the SDGs indicators is completely unavailable. Moreover, data for only 7% of the SDGs indicators is fully available, while date for 9% of the SDGs indicators is partially available (UNDP Balochistan, 2020). The root cause is the outdated and incompetent data ecosystem. The Bureau of Statistics (BoS) Balochistan is the provincial institution responsible for collection, analysis, and publishing of the data. The BoS collects secondary data from statistical cells of the line departments that collect primary data. The proformas for primary data collection are not aligned with targets and indicators of the SDGs. Moreover, reliability and validity of data are also not appropriately monitored.

1.6 The Need for Capacity Assessment of Statistical Institutions

As planning and development direly depend upon real-time accurate data, there is always an element of improvement. In Pakistan, statistical institutions provide statistical data to be used in planning and development processes, including sustainable development which needs the SDGs indicators-based data. Following insufficient and low standard statistical data provided by the BoS Balochistan, the Capacity Development Plan becomes inevitable. This Capacity Need Assessment was planned to know what the current capacity is, what is required in terms of human resource, financial and technical resources, and what sort of skills and competencies are required. The Capacity Development Plan was proposed to strengthen and update the data ecosystem in Balochistan.

1.7 Objectives of Capacity Needs Assessment

The objectives of capacity need assessment (CNA) are:

- To assess the current capacity of the BoS and statistical cells in the line departments of Government of Balochistan in terms of HR, financial and technical capacities.
- To explore the required capacity and gaps between current and required capacities.

- To propose a Capacity Development Plan in form of short-term and long-term strategies for strengthening the BoS Balochistan.

1.8 Limitations of the Study

This study has covered an in-depth assessment on capacity needs assessment (CNA) of the Bureau of Statistics (BoS) Balochistan including all the aspects of organisational structure, human and financial resources, skills, and core competencies of the staff. Moreover, the data collection procedures and mechanisms have also been assessed. Besides that, a baseline study has been conducted for assessing the capacities of statistical cells of key line departments. However, the in-depth study for exploring the core competencies of the staff in the statistical cells of all line departments has not been carried out due to the time limitation.

Chapter 2

Methodology for Conducting Capacity Needs Assessment (CNA)

This chapter elaborates the scope of work and methodology employed for conducting the capacity needs assessment (CNA) of the Bureau of Statistics (BoS) Balochistan and statistical cells in the line departments of Government of Balochistan.

2.1 Scope of Work

The activity's lead researcher worked in close collaboration with the UNDP CO (DPU), the UNDP Sub-Office Quetta, the Planning and Development Department, GoB, Pakistan Bureau of Statistics (PBS) and Bureau of Statistics, Government of Balochistan, and performed the following main functions:

i. Conducted comprehensive review of overall systems of the Bureau of Statistics and statistical cells of key government departments to determine the extent to which the Bureau's and statistical cells' data collection and reporting mechanisms are aligned with the reporting and monitoring needs of the SDGs.
ii. Conducted mapping of the official data sources, available and owned by the provincial government against each indicator of the SDGs at provincial/district level in order to determine means and ways for filling in missing data gaps.
iii. Assessed existing strengths/weaknesses and future potential of the administrative data in terms of the SDGs monitoring and reporting.
iv. Based on the findings of literature review and information gathered, designed CNA tools for consultations and interviews (key informant interviews).
v. Based on the review and assessment of the existing data collection tools/instruments, conducted gap analysis and pointed out all the gaps which relate to systems and mechanisms of data collection, analysis and reporting.
vi. Assessed capacities of data analysis to see how data is being used for reporting and decision making at the BoS and key provincial departments.
vii. Conducted a workshop (in Quetta) for sharing the draft report with key line departments and presented analyses on capacity need assessment.
viii. Developed a capacity building plan/plan of action, with timeline and budget, for aligning capacities and data collection, analysis and reporting mechanisms with the requirements of the SDGs.

2.2 Methodology

Capacity needs assessment is a methodological approach used for assessing the existing capacity, the desired level of capacity, and the gaps between these two levels. CNA is the first stage of the capacity development process. This process employs a participatory approach by undertaking a literature review, engaging key stakeholders and related human resources through interviews and workshops. For this study, the major research approaches include desk reviews and surveys of departments through visits and meetings.

The following methodology was used for conducting CNA.

2.3 Planning CNA

In the first step, the components for conducting the Capacity Need Assessment (CNA) were reviewed and identified. The secondary data on conducting CNA, legal aspects of Bureau of Statistics (BoS) Balochistan, and Sustainable Development Goals (SDGs) were planned to be reviewed. The CNA steps included exploring the existing capacity, the required capacity, and the gaps between them. Overall, the existing capacities of the BoS Balochistan and the line departments of Government of Balochistan were planned to be found out through surveys and primary data collection. The data was planned to be analysed through statistical software and packages such as MS Excel and SPSS. The CNA report was decided to be reported in two phases: inception and final reports. After the preliminary analysis of the findings, a workshop was planned for presenting findings before the stakeholder of BoS Balochistan and the line departments for their feedback. After incorporating their feedback in the final report, the capacity development plan was formulated.

2.4 Desk Review

Initially, the study started with thorough desk review. The literature was reviewed about the CNA to plan the complete exercise. Moreover, the desk review also included the literature review about the SDGs where the complete agenda of the SDGs was studied including its goals and indicators. The policy of Pakistan about the SDGs was also reviewed. In addition, a desk review is done for identifying provincial and district level SDGs, targets, and indicators and their data sources and availability at national, provincial, and district levels. The desk review also included a review of the BoS Balochistan's *Development Statistics* and other related publications to better understand the nature of data being produced and published.

2.5 Tools for Data Collection

The tools and techniques were identified through the desk review. The organisations' structure and stakeholders had been identified through the departmental visits. A semi-structured checklist and an interview schedule were used as tools for primary data collection. Initial procedure included visits to the relevant departments to identify variables. After considering observation and desk review, the checklists were formulated for capacity assessment of the statistical cells which included the following sections:

- Bio-data of Respondents
- Human Resource Capacity of the Statistical Cells with list of Staff
- Skillset of HR
- Technical Capacity
- Infrastructure Capacity
- Data Management Capacity
- Financial Support
- Awareness about SDGs
- Training History of the Statistical Cell's Staff
- Basic Needs of the Statistical Cells of the Department
- Suggestions on strengthening of Statistical Cells

2.6 Types of Data and Sources

For this study, both primary and secondary data were used. Primary data was collected from the Bureau of Statistics (BoS) Balochistan and statistical cells of the line departments of Government of Balochistan. The primary data related to the existing capacity and needs for improving monitoring and reporting of the SDGs. The secondary data related to the indicators of the SDGs and published reports of periodic surveys of Government of Pakistan such as PDHS, MICS, PSLM, Agricultural and Population Censuses, etc. The sources of secondary data included the United Nations Development Programme (UNDP), Government of Balochistan, and Government of Pakistan.

For this capacity need assessment study, the Bureau of Statistics (BoS) Balochistan along with the statistical cells in thirty-four (34) line departments of Government of Balochistan were surveyed. The list of the departments is given below.

Table 2.1 Names of Departments Surveyed for this Study

S. No.	Name of the Departments
1.	Bureau of Statistics (BoS) Balochistan
2.	Urban Planning and Development Department
3.	Sui Gas
4.	Environmental Protection Agency (EPA)
5.	Forest Department
6.	Livestock Department
7.	Local Government/Rural Development Department
8.	Mines & Minerals Department
9.	Agriculture Department
10.	Registrar Cooperative Societies
11.	Secondary Education and School Department
12.	Social Welfare, Special Education, Literacy, Non-Formal and Human Rights Department
13.	Law & Parliamentary Affairs Department
14.	Women Development Department
15.	Services & General Administration Department
16.	Fisheries Department

17.	Youth Affairs
18.	Sports Department
19.	Irrigation Department
20.	Directorate of Food, Balochistan
21.	Finance Department
22.	Inter-Provincial Coordination Department
23.	Information Department
24.	Directorate of Health, Balochistan
25.	Religious Affairs
26.	Minorities Department
27.	Directorate of industries and commerce
28.	Provincial Transport Authority (PTA)
29.	Directorate of Culture, Govt. of Balochistan
30.	Local Government Department
31.	Higher Education & Technical Department
32.	Directorate General of Population Welfare
33.	Labor and Manpower
34.	Communication and Works (C&W) Department

2.7 Data Analysis

After the data collection from all the departments, the data was analysed through excel spreadsheet application and SPSS software. As both qualitative and quantitative data were collected, different statistical tools including descriptive statistics, Weighted Average Index (WAI) Method, and Likert Scale analysis techniques were used for data analysis. After the data analysis, the inception report was developed which included the most important findings of the study.

Both quantitative and qualitative methods were used for analysis of the data.

2.7.1 Quantitative Data Analysis

For quantitative data analysis, descriptive statistics were used. Data was presented in the form of tables, graphs using numbers, percentages, and mean values.

a) Ranking of Statistical Cells

The statistical cells in the line departments were ranked based on their existing capacities. The categories of the ranking were; low, medium, and high.

b) Human Resource Capacity

The Weighted Average was used in this study for the human resource capacity assessment of different departments. Further, based on scoring, these departments were divided into the following three categories: high capacity (score>0.67), medium capacity (score=0.33-0.67), and low capacity (score<0.33)

$$WA = (n_1w_1+n_2w_2+n_3w_3+\ldots n_kw_k)/w_k \qquad = \sum_{i=1}^{k} niw_i / w_k$$

c) Awareness about SDGs

The SDGs awareness has been assessed by a five-point Likert scale for each department. The responses were scored from 0 to 1, 1= 0 and 5= 1 on the l

Likert scale. Then these all have been weighted averaged. In the end, based on the weighted score, they have been converted into three categories: low<0.33, medium from 0.33-0.67, and high>0.67.

d) Data Collection Tools Development, Interval, and Medium of Collection

Data collection tools development, interval, and medium of collection have been analysed by counting the responses from each department, and then percentage wise availability has been shown. Further, each item by all line departments has also been calculated by percentage availability.

e) Financial Capacity

The financial capacity has been assessed in all line departments by counting the respondents' responses and then by the percentage which has shown as how much each department has been financially sound. In addition, each item of financial strength has also been shown by percentage.

f) Problem Ranking

The respondents were given a set of important problems in the checklist during the field visits for data collection. Later, these problems were mentioned in the checklist that the respondents from each department were asked to rank them as per their necessities. Broad categories of problems were human resource, technical, training on the SDGs, logistics, and hardware and software. The ranks were then calculated and shown by percentages. This analysis gave clear picture that which problem is ranked first or the last in each department and also provided the overall picture of the required capacities in all line departments.

2.7.2 Qualitative Data Analysis

This study also involved qualitative data. The qualitative data was collected through open ended interviews with the stakeholders of the BoS Balochistan. Qualitative statements were recorded both during the field visits and consultative workshop. The technical experts of CNA then converted these into refined statements. The qualitative statements were collated and then themes were generated. Lastly, based on the emerged themes, the problems were identified and ranked.

2.8 Consultative Workshop

Afterwards, a consultative workshop on CNA was conducted at the University of Balochistan, Quetta. The workshop was attended by the key stakeholders of the BoS Balochistan, higher level official and staff of the statistical cells of the line departments. In the workshop, the zero draft report was presented for their feedback and suggestions. The purpose of the workshop was to involve the stakeholders of concerned departments in the capacity development programme keeping in view the major findings of this study. The feedback from the concerned departments on the report was received and was later incorporated in the final report.

2.9 Recommendations

After completion of data analysis, feedback from workshop participants and thorough cross-checking of all the data, recommendations on the capacity development of the BoS and statistical cells in the line departments were given. Recommendations included; the way forward, short-term and long-term strategies for developing capacities of the BoS Balochistan and statistical cells in the concerned departments.

2.10 Capacity Development Plan

A complete Capacity Development Plan (CDP) has been proposed for the BoS Balochistan and statistical cells in the line departments in consultation and meetings with officials of the BoS, P&DD and key stakeholders of the line departments. The CDP included strategies for strengthening of the rules of business, financial resource development, establishment and strengthening of non-functional statistical cells, enhancing statistical capacity of the staff, formulation of the SDGs aligned tools for data collection, availability of IT equipment, and to develop an efficient and the SDGs aligned data ecosystem in the province.

2.11 Report Preparation and Submission

In the end, final report of the capacity needs assessment activity was prepared incorporating the feedback from key stakeholders of the BoS, line departments, academia, technical specialists, research associates and participants of the consultative workshop. The report was printed and submitted both in soft and hard form to the UNDP provincial office.

2.12 Approval for Conducting CNA Activity

This study was based on the collection of the primary data. Therefore, prior approval from the Planning and Development Department (P&DD) was sought. A letter of request for data collection was sent by P&DD to the Director BoS and the secretaries of all (34) key line departments in which they were requested to cooperate with the CNA team by providing the required data about the statistical cells. The staff of the statistical cells in the key line departments cooperated and provided required data to the CNA team for this research (Request Letter Annexed).

Chapter 3

Systems and Mechanism of Bureau of Statistics (BoS) Balochistan

3.1 Establishment and Legal Framework of BoS

The Bureau of Statistics (BoS), Balochistan is the hub of information and statistical data activity in the province. The BoS Balochistan headquartered in the provincial capital Quetta and has no sub-offices at the divisional or district level. It is located at the Planning and Development Department (P&DD), Government of Balochistan at Civil Secretariat. The BoS was established in 1971 after the dissolution of one unit and had been undertaking its activities under the Act called 'the General Statistics Act, 1975'. Later, this Act was revisited. Currently Pakistan Bureau of Statistics and four provincial Bureaus are functioning under the Act called 'the General Statistics (Reorganization) Act, 2011' (National Assembly Secretariat, 1975; Senate Secretariat, 2011). The Bureau of Statistics (BoS) Balochistan has the legal mandate to collect, analyse, compile and disseminate the data on the socio-economic and development indicators of the province through electronic media and periodic publications. The main function of the BoS is to collect data from the statistical cells of the line departments of Government of Balochistan and publish it in the form of Development Statistics (DS) Balochistan. The functions of the Bureau of Statistics (BoS), Balochistan are standardised by the National Statistical Council. Its objectives are to establish an efficient and statistically sound system in the province to formulate and collect data relevant to established indicators periodically, to make the existing data sources more user friendly by bringing improvement in the scope and coverage of existing statistical reports, and to build and enhance the existing capacities of the staff in the field of data management.

3.2 Title: Bureau of Statistics (BoS) or Provincial Statistical Authority?

This study found no evidence about the use of the word "Bureau" for the provincial statistical authority. The review of the existing acts and regulations showed that the word "bureau" is used for the Federal Bureau of Statistics, later termed as Pakistan Bureau of Statistics (PBS). According to Article (2) Definitions, sub-clause (b), of the General Statistics (Reorganization) Act, 2011, *"Bureau" means the Pakistan Bureau of Statistics established under Section 3.* Whereas, Article 20 of the same act uses the term, 'Provincial Statistical Authority' for the statistical authority at the provincial level. This incorrect use of the name can be legally corrected through amendment in the said Act. The learned official of the BoS Balochistan responded that the provincial bureaus were established in 1971 after the devolution of one unit. The term bureau is used since then. However, the use of this name is not endorsed by the legal documents. Hence, this incorrect use of name needs correction through amendment in the current act (Senate Secretariat, 2011).

3.3 Core Functions of BoS as per the General Statistics Act, 2011

The section 20 of the General Statistics (Reorganization) Act 2011 describes the core functions of the BoS Balochistan in the following words. A Provincial Statistical Authority (In this case BoS Balochistan) shall, in accordance with such directions as the appropriate Government may from time-to-time issue, perform the following functions, namely: -

a) to collect, compile, analyse, publish and disseminate statistical data relating to the provincial subjects in the province;
b) drawing up specific statistical programmes to carry out instructions of users council;
c) appraising quality of statistics in the province;
d) laying down and approving questionnaires and procedures for statistical enquiries conducted by the province in accordance with the provisions of this Act and ensuring against any duplication and substandard data collection;
e) adopting the standards provided by the Bureau and ensuring harmonisation at the Federal and Provincial levels;
f) giving advice and guidance, and coordinating functions of the relevant officers of the Bureau, and the Statistical Agents appointed in the province;
g) making recommendations to the appropriate Government and users council relating to standards of training of statisticians and statistical agents;
h) laying down procedure for a continuing programme of in-service institutional and foreign training;
i) periodically reviewing statistical progress;
j) giving advice to the appropriate Government and other authorities or persons on the use and relevance of available statistics in relation to specific problems of economic policy;

k) identifying gaps in the provincial statistical series and developing prioritised proposals for filling these gaps;
l) appraising and allocating technical resources required for statistical projects carried out by the province; and
m) to perform such other functions as the appropriate Government may, from time to time, direct.

In the above-mentioned functions, sub-clause (e) stipulates clearly that the provincial statistical authorities are bound to adopt the standards provided by the Bureau (Pakistan Bureau of Statistics) for ensuring harmonisation between federal and provincial governments. Through this clause, the provincial statistical authorities are directed to adopt the standards set by the Pakistan Bureau of Statistics (PBS).

According to Section 4 (2) of the General Statistics (Reorganization) Act 2011 Section 4 (2), following are the main functions of the bureau.

a) to collect, compile, analyse, abstract, publish, market and disseminate statistical information relating to the commerce and trade, industrial, financial, social, economic, demographic, agriculture and any other area to be specified by the Federal Government and conditions of the people of Pakistan and to foster the evolution of product lines in response to pressing needs of society;
b) to plan, execute and publish the census of population and housing of Pakistan, the census of agriculture of Pakistan or other censuses at national level as required from time to time;
c) to facilitate policymaking by undertaking overall planning, coordination and annual programming of surveys and censuses in Pakistan;
d) to develop programmes for national censuses and surveys in line with policy priorities and plan, coordinate, execute and publish them accordingly;
e) to advise the Federal Government on the budget and development plans of the Bureau, based on annual work plans;
f) to formulate, prescribe and implement principles for conducting official statistics in Pakistan including standardisation and harmonisation of concepts, definitions and classifications pertaining to official statistics;
g) to draw up schemes to reduce duplication in the formulation and execution of statistical programmes and to resolve differences in that respect;
h) to regulate statistical activities of national interest and as appropriate to provide overall coordination, professional monitoring, evaluation and review of statistics work in Pakistan;
i) to act as a resource base for providing expertise, statistical data including but not limited to, economic, commercial, business and industrial areas and to provide, arrange and facilitate support services in this regard, both nationally and internationally;
j) to engage in human resource development of its officers and staff, including revision in pay structure, allowances and facilities, and formulate career structures as shall be prescribed by regulations;
k) to promote education and research in the field of statistics;
l) to coordinate, monitor, implement or engage, in conjunction with other authorities, international organisations, in any study or cooperation project or foreign aided technical assistance projects in the statistical field;
m) to strive and endeavor to ensure that collection of statistical data to be in accordance with practices and standards of the United Nations and other international bodies for the purpose of fulfilling the international obligations of Pakistan in the field of statistics;
n) to propose and recommend to the appropriate Government new laws or amendments in existing laws for the purposes of achieving the objectives of this Act;
o) to do all other acts, deeds and things incidental to or ancillary for the purposes of achieving the objectives of this Act and undertake any other work in relation to collection or compilation of data in accordance with directions of the Federal Government; and (p) to supervise the functioning of the Institute.

3.4 Analysis of the Legal Functions of BoS Balochistan

The Bureau of Statistics (BoS) Balochistan is expected to function as per the legal mandate given in the General Statistics (Reorganization) Act 2011. However, the findings of this study revealed that the BoS Balochistan is not performing its duties as per law. Article 20, clause (a) of the 2011 Act indicates that BoS should be collecting statistical data, meaning all types of data. Contrary to this, the BoS has confined its role to the collection of secondary data and has not been involved in the collection of primary data. The clause (g) of Article 20 states that provincial bureaus are required to making recommendations to the provincial Governments for arranging in-service trainings to its staff, but the BoS has not been able to make regular institutional and foreign training for its staff due to which the statistical competence of the BoS has been

compromised. Similarly, clause (i) of Article 20 talks about the periodical review of statistical progress. Apart from Statistical Yearbook, the BoS has never been able to publish the annual progress report which could report progress and activities of the BoS. As mentioned in the core function, the BoS was expected to advise the provincial government based on the available statistics for solving the problems of economic policy. Ironically, the finding of the current study revealed that no such recommendations have ever been sent to the government departments. This puts a question mark on the performance of the BoS. In addition, the basic role of BoS also includes collecting the statistical data of the province in accordance with the practices and standards of the United Nations. Clause (m) of Article 4 of the 2011 Act clearly states that data collection must be in accordance with the standards of the UN and other international organisations. As of now, the world has adopted the 2030 agenda of Sustainable Development. The United Nations has proposed the global development goals and indicators to assess the development and policymaking. However, the BoS has been unable to fulfill its constitutional responsibility to collect and report the SDGs aligned data of the Balochistan province. In summary, the above-mentioned analysis clearly showed that the BoS has been unable to perform its basic responsibilities as per laws and regulations owing to its weak organisational and statistical capacity. The role of the BoS has been confined to the collection of secondary data from the selected line departments and provincial offices of federal organisations, and the annual publication of 'the *Development Statistics'* (DS) and '*Balochistan at a Glance'*.

3.5 Human Resource of the BoS Balochistan

The BoS Balochistan works with the three-layered human resource (HR) for running its core functions (Table 3.1). These include administrative section, statistical section and computer section.

Table 3.1 Human Resource of the BoS Balochistan

S. No.	Name of Post	BPS	No. of Posts	Working in BoS		Vacant Post
				BoS	P&D*	
	Administrative Section					
1.	Director	19	1	0	0	1
2.	Additional Director	19	1	1	0	0
3.	Deputy Director (Admin)	18	1	1	0	0
4.	Assistant Director (Admin)	17	2	0	2	0
5.	Private Secretary	17	5	1	1	3
6.	Assistant Private Secretary	16	9	1	6	2
7.	Assistant	16	5	0	3	2
8.	Superintendent	17	2	0	0	2
9.	Stenographers	14	8	0	7	1
10.	Draftsman	11	1	1	0	0
11.	Senior Clerk	14	4	0	3	1
12.	Junior Clerk	11	14	1	10	3
13.	Driver	04	6	1	5	0
14.	Naib Qasid	01	18	2	16	2
15.	Daftari	02	1	0	1	0
	Sub-Total		78	09	54	17
	Statistical Section					
16.	Deputy Director (Statistics)	18	3	1	0	2
17.	Assistant Director (Statistics)	17	16	7	2	7
18.	Assistant System Analyst	18	1	0	1	0
19.	Statistical Investigator	16	3	1	0	2
20.	Statistical Assistant	14	5	1	4	0
21.	Librarian	16	1	0	1	0
	Sub-Total		29	10	08	11
	Computer Section					
22.	Computer Programmer	17	1	0	0	1
23.	Computer Operator	16	3	2	0	1
24.	Assistant Computer Operator	12	1	1	0	0
25.	Computer Assistant	11	1	0	1	0
26.	Statistical Computer	05	2	0	0	2
27.	Photostat Machine Operator	05	1	0	1	0
	Sub-Total		09	03	02	04
	Total Strength		116	22	64	32

Source: Primary Data, 2020

Note. The P&D* refers to the BoS staff that is attached to P&D Department.

The data presented in Figure 3.1 shows the distribution of human resources at the BoS. The total staff is 116. Out of the total staff, 64 are attached with the P&D department. The majority of the staff attached with P&D is administrative. Only 22 staff members of the total is currently working at the BoS. A significant number i.e., 32 posts are vacant at the BoS. For filling the vacant posts, the recruitment of new staff is under process at Balochistan Public Service Commission. It is very important to note that the BoS has no human resource for the collection of primary data such as surveyors.

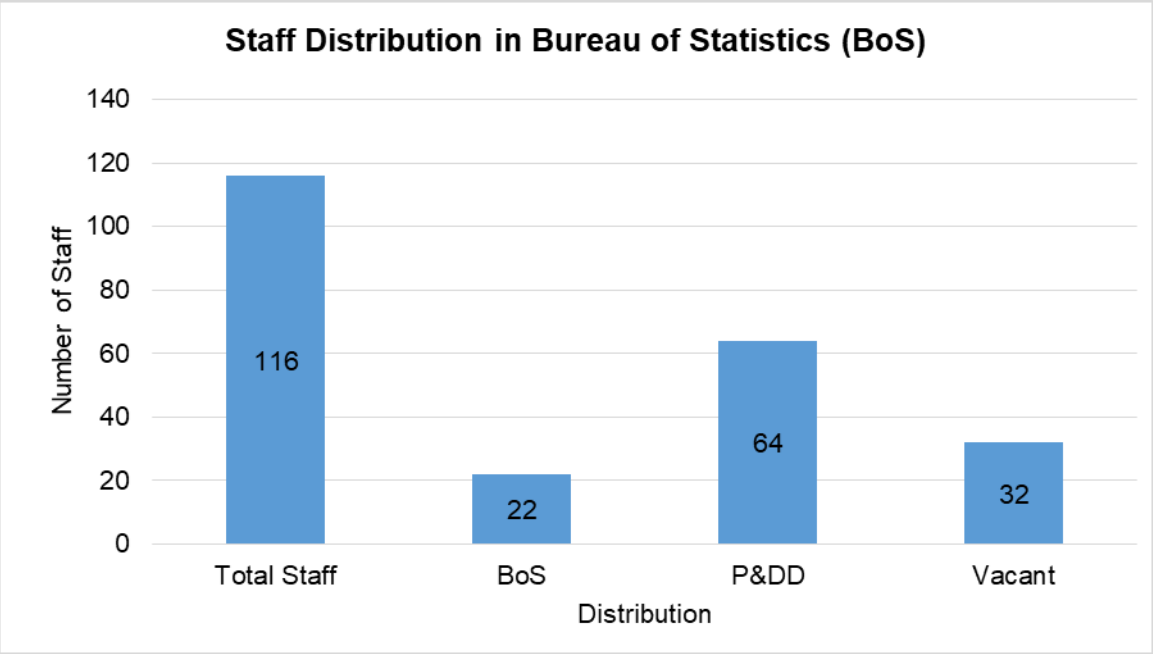


Figure 3.1 Staff Distribution at BoS Balochistan

3.5.1 Assigned Work of Assistant Directors in BoS

The data management in the BoS Balochistan from collection to publication is administered by the seven assistant directors (ADs). They are assigned management of different sectors (Table 3.2). The ADs are assisted in their assigned duties by the supporting staff of different expertise of the BoS.

Table 3.2 Assigned Work of Assistant Directors in BoS Balochistan

S. No.	Name of Officer/Designation	Assigned Work	Assistants
1.	Director (Statistics)	Health, Forest and Wildlife, Local Government and Crime Sector.	Assistant
2.	Assistant Director (Statistics)	Education Sector	Statistical Investigator
3.	Assistant Director (Statistics)	Industries, Roads, Finance and Banking.	Private Secretary
4.	Assistant Director (Statistics)	Population, Agriculture Sectors.	Assistant Private Secretary
5.	Assistant Director (Statistics)	Sui Gas Transport, PHE and Irrigation Sectors.	Stenographer
6.	Assistant Director (Statistics)	Mines & Minerals, Livestock and Cooperative Societies Sectors	Draftsman
7.	Assistant Director (Statistics)	Price, Climate, Post Offices and T&T Sectors.	Computer Operator

3.5.2 Statistical Section

The statistical section of the BoS has the following staff. The main responsibility of the statistical section is to analyse and process data for publication and dissemination.

1. Deputy Director Statistics (BPS-18)
2. Assistant Director Statistics (BPS-17)
3. Statistical Investigators (BPS-17)
4. Statistical Assistant (BPS-16)
5. Librarian (BPS-16)

The analysis of the data revealed that the statistical section lacks qualified and competent staff. The BoS Balochistan does not have any surveyors, database/network administrator, data processing officer, statistical officer, data processing office, system analysts. The BoS currently has only 10 members as statistical staff with only 1 statistical assistant and a statistical investigator. This small unit is completely failed to complete the prescribed legal responsibilities.

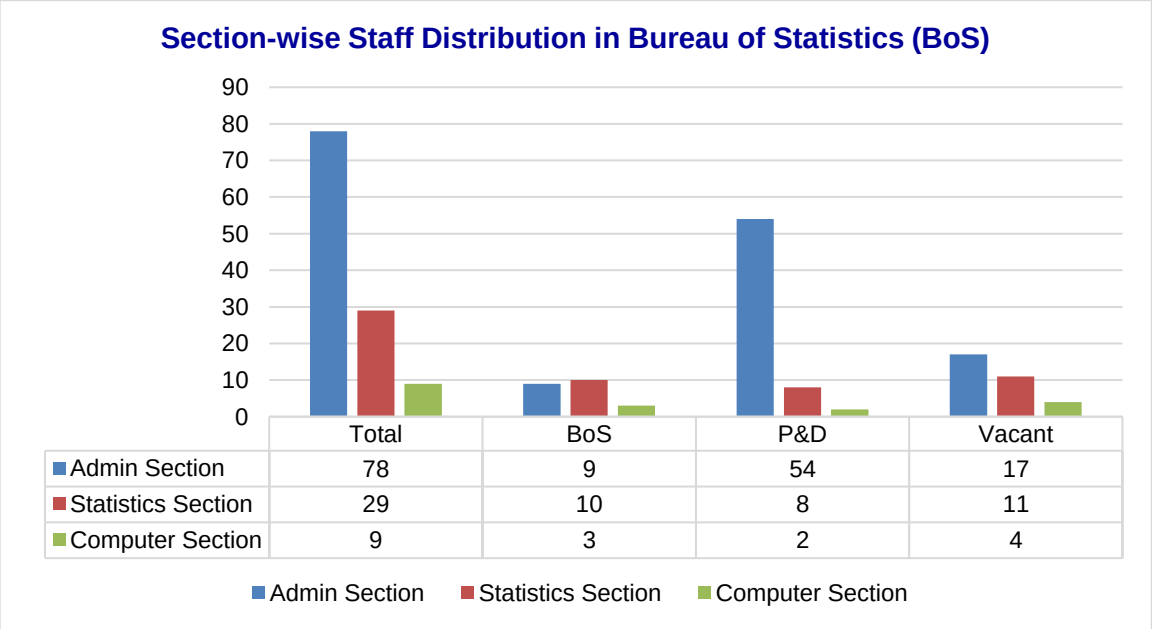
3.5.3 Computer Section

The computer section at the BoS provides computer-related support to the Assistant Directors (ADs) in data entry and processing. The following staff is supposed to work at the computer section of the BoS.

1. Assistant System Analyst (BPS-18)
2. Computer Programmer (BPS-17)
3. Computer Operator (BPS-16)
4. Assistant Computer Operator (BPS-12)
5. Computer Assistant (BPS-11)
6. Statistical Computer (BPS-5)

3.6 The Issue of Qualification of the Staff of BoS

The rules of the BoS Balochistan about job description including required qualifications and experience are clear. The required qualification for the Assistant Directors, Deputy Director, and Director is Master's in Statistics/Economics. The findings of the primary data revealed that the established qualification criteria for selection of higher-ranked officials have been violated as some of high-ranked officials have Master's degrees in subjects other than Statistics/Economics and currently working at higher positions in the BoS. Contrary to BoS Balochistan, other provincial bureaus have MS and Ph.D. degree holder officials at the level of Deputy Directors and Directors. The BoS can only be developed and strengthened if the existing selection criterion for high-level officials such as Director, Deputy Director, and Additional Directors is upgraded to the selection of MS and Ph.D. degree holders in Statistics/Economics and particularly the PhDs in Data Sciences. This is the most significant reason for the poor progress of the BoS and has hampered its growth over the years.



	Total	BoS	P&D	Vacant
Admin Section	78	9	54	17
Statistics Section	29	10	8	11
Computer Section	9	3	2	4

Figure 3.2 Section-wise Staff Distribution in BoS Balochistan

3.7 Data Types and Data collection

The BoS Balochistan collects only secondary data and it does not collect primary data.

3.7.1 Secondary Data Collection

The Bureau of Statistics (BoS), Balochistan collects secondary data from the statistical cells of the line departments of Government of Balochistan (GoB). Proformas are sent to line departments and data is collected. These proformas are neither aligned with the SDGs and nor revised regularly. The proformas are sent to the line departments at the start of the financial year i.e., in July each year. The line departments complete their progress review by 1st October each year. Therefore, they are expected to share the data with the BoS by 15th October each year. However, some of the departments do not share data with the BoS in time. For the timely collection of data, the BoS has to send official reminders as written letters. The first reminder is usually sent after 15 days of the first letter, then the 2nd or 3rd reminders are sent after ten (10) days. In the end, the departmental data is collected in December each year. After the completion of data collection, '*the Development Statistics'* (DS) and '*Balochistan at a Glance'* are prepared and sent to the government press for printing and publication.

3.7.2 Capacity for Primary Data Collection

The sub-clause (a) of Section 20 of the General Statistics (Reorganization) Act 2011 describes the core function of the BoS as, *"to collect, compile, analyse, publish and disseminate statistical data relating to the provincial subjects in the province".* This clause stipulates the word "data" which includes both primary and secondary data.

Opposite to the article of the Act, the BoS Balochistan does not collect primary data because it has no capacity for primary data collection, and most importantly, no surveyors for the field surveys are present in its structure of the human resource. This implies that rules of business for job description need revisions for giving more clarity on the tasks. The situation in other provincial bureaus of the country is far better than that of the BoS Balochistan. The review of their capacities showed that the Provincial Bureaus of Punjab, Sindh, and Khyber Pakhtunkhwa have the capacities as well as capabilities to conduct the primary data collection on a regular basis. The BoS Balochistan needs to develop its capacity to be able to conduct surveys for primary data collection.

3.8 Data Sources of BoS Publications

The Bureau of Statistics (BoS) Balochistan publishes only secondary data which is collected from the statistical cells of the line departments of Government of Balochistan. The written requests are sent to the Secretaries and Director Generals (DGs) of the line departments along with the proformas developed by the BoS for collection of secondary data on annual basis. The analysis of development statistics in Table 3.3 showed that the data of the following twenty-two (22) sources are published in development statistics (DS).

Table 3.3 Data Sources of BoS Publications

Sr #	Type/name of departments	Type of Data
1.	Crimes and accidents	Secondary Data
2.	Cooperative societies	-do-
3.	Education-colleges	-do-
4.	Agriculture	-do-
5.	Climate	-do-
6.	Fisheries	-do-
7.	Education-schools	-do-
8.	Fuel and power	-do-
9.	Forestry	-do-
10.	Health	-do-
11.	Industries	-do-
12.	Livestock	-do-
13.	Mining	-do-
14.	Public Health Engineering (PHE)	-do-
15.	Post offices	-do-
16.	Price	-do-
17.	Railways	-do-
18.	Road	-do-
19.	Social welfare	-do-

20.	Sui Southern Gas	-do-
21.	Telecommunication	-do-
22.	Transport	-do-

3.9 Departments whose Data is not reported by BoS

The list in Table 3.4 includes those departments whose data is not published by the BoS. The feedback of the stakeholders of the consultative workshop showed that those departments whose data is not published, have their institutional data and they could have shared the same to the BoS for publication, but the BoS never demanded it. For example, the Assistant Director of the Women Development Department told in the consultative workshop that her department has never been asked by the BoS for sharing of data. This shows weak coordination between the BoS and the line departments about the data available with them and whose data are not yet collected and published. The official of the BoS was of the view that it's the responsibility of departments to share their data with us.

Table 3.4 Departments Whose Data is not Reported by BoS

Sr. No	Name of departments	Status
1.	Women Development	Data not reported by BoS
2.	Sports & Youth Affairs	-do-
3.	Food Department	-do-
4.	Finance	-do-
5.	Inter Provisional Coordination	-do-
6.	Religious Affairs	-do-
7.	Minorities	-do-
8.	Culture & Tourism	-do-
9.	Local Government Department	-do-
10.	Labour & Manpower	-do-

3.10 Data Dissemination and Data Sharing

The data on socio-economic and development indicators is published in Development Statistics (DS) Balochistan on annual basis. Besides the publication of the DS, the BoS has also been publishing the data on socio-economic Indicators of Balochistan at the district level until 2016. In addition to that, the BoS also publishes a brief brochure, titled 'Balochistan at a Glance' each year. The data is published both in hard form as well as is made available for general users on the official website of Government of Balochistan by the Information Technology (IT) Department. However, there is no official website of the BoS. Generally, the DS is published and circulated in the line departments. Compared to the BoS Balochistan, the Bureau of Statistics in other provinces such as Punjab, Sindh, and Khyber Pakhtunkhwa have well-designed websites with their published statistical documents.

3.10.1 Physical Infrastructure

The BoS Balochistan is located in the basement of the Planning and Development Department (P&DD) at Civil Secretariat Quetta. Its office consists of sparsely located 4 rooms only. The observation of the offices revealed that the offices are overcrowded by its staff and the existing space is not enough for them.

3.10.2 Financial Resources

Article 40 of the General Statistics (Reorganization) Act 2011 regarding establishment of statistics fund describes that the bureau whether at the federal or provincial level shall have the statistics fund. It stipulates as, *"There is hereby established, for the purposes of this Act, a Fund to be called Statistics Fund which shall be administered and controlled by the Bureau to meet costs and charges incurred in connection with its functions under this Act."*

Contrary to the legal provision, the BoS Balochistan has no such fund and it lacks financial autonomy and DDO (Drawing and Disbursing Officer) power. There is no specific fund allocated for the bureau on an annual basis. Usually, being an attached department of the P&DD, the required funds for specific purposes and activities are requested from the Secretary P&DD through formal procedures. The BoS needs finances for routine affairs of the department such as stationery items, repair of IT equipment, collection of data, and publication of Development Statistics and Balochistan at a Glance on annual basis. The BoS has no

allocated funds on annual basis for running its affairs, rather its needs are met by the P&DD on a demand basis.

3.11 Data Production and Management

The management of secondary data is distributed among the assistant directors (ADs). They are assigned the task of collecting, compiling, and analysis of the data received from their group of departments. After the initial processing, the data is collated in a single file and thus published in the form of development statistics.

3.12 Problems Faced by BoS

The Bureau of Statistics (BoS) Balochistan has been confronted with numerous issues and problems which have severely affected its performance and growth. The qualitative inquiry in this study revealed the issues such as lack of finances for running the routine affairs of the BoS, unavailability of vehicles for data collection, disproportionate distribution of human resource between statistical and admin sections, lack of necessary statistical skills, unavailability of in-service training for HR, outdated IT equipment, the insufficient working space, the outdated proformas for data collection, and issues with data collection processes and data quality control.

The higher-level official of the BoS Balochistan pointed out some of the important issues of the bureau. A detailed description of their narratives is given in Annexure-4, few of them are given in the following words.

> *"Payments to the publisher are delayed. Our two publications are with the publisher and are not yet published because their payments are delayed". (Additional Director, BoS)*
>
> *"We do not have the right to spend five (5) rupees, rather we have to take permission from the secretary. If Drawing and Disbursement Officer (DDO) is posted and authority is given by the P&DD to the officer of the BoS, then all matters can be handled smoothly." (Additional Director, BoS)*
>
> *"No vehicle is available for data collection. Surveyors and vehicle are needed for data collection that we do not have" (Assistant Director, BoS)*
>
> *"We have a shortage of trained staff. There is an acute shortage of staff members having good statistical skills. In-service training on improving statistical skills, awareness about the SDGs, and data analysis and related aspects should be given to the current staff. In addition, our staff should be trained for noting and drafting tools and skills". (Assistant Director, BoS)*
>
> *"Our space is not enough. See only four rooms are available for whole staff of the BoS. We need sufficient physical infrastructure". (Additional Director, BoS)*
>
> *"Some of the line departments don't take sharing of the data seriously. They provide sometimes missing data and mismatched with the precious year. There is no proper mechanism for checking the reliability of data, however, sometimes if gross mistakes are found in the data, then this issue is followed up by the BoS with the departments." (Additional Director, BoS).*

The analysis of the above-mentioned statements shows that the BoS Balochistan has been facing serious problems which have hampered its performance. Most important is publishing of the data. The BoS has failed to publish its Development Statistics (DS) for the year 2018-19 due to nonpayment of funds to the publisher. Similarly, the lack of DDO power and unavailability of funds for routine affairs and minor repairs has caused issues in the smooth running of the BoS' affairs. The staff also complained about the insufficient space that was evident during the survey. The consultations and meetings with the BoS official and review of the system and procedures revealed that on the one hand, it has been ignored completely by P&DD while on the other hand, the incompetent leadership, lack of ownership, and poor statistical skills of the staff has caused huge damage to the institutional growth of the BoS over the years.

3.13 Comparison Between the Provincial Bureaus

The data in Table 3.5 shows the comparison of the Bureau of Statistics (BoS) Balochistan with other provinces of Pakistan: Punjab, Sindh, and Khyber Pakhtunkhwa. The findings of this study showed that the BoS Balochistan has got weak attributes compared to all provinces. The BoS Balochistan did not have its official website while all three provincial bureaus do have their advanced and well-equipped official websites where statistical data is easily accessible. Moreover, the BoS has only confined its data availability to annual Development Statistics (DS) meanwhile, all three provincial bureaus have Monthly Survey of Industrial Production and Employment (MIPE) data which is published on monthly basis along with their respective annual DSs. Most importantly, in contrast to all three provincial bureaus where primary data is collected at regular intervals, the BoS Balochistan neither collects primary data nor recognises primary data collection as their mandate. In contrast to all provincial bureaus which themselves design their respective questionnaire for primary data collection, the BoS Balochistan does not have any such mechanism. In addition, the data collection tool of proforma is available in all the bureaus which are unfortunately not aligned with the targets and indicators of the SDGs in all the four bureaus.

As far as training for capacity development is concerned, both the BoS Balochistan and the BoS KPK lack training capacity for its staff as well as the statistical cells of the line departments while bureaus of Punjab and Sindh have the capacity to conduct such training effectively. Moreover, in contrast to Sindh's 41, Punjab's 16, and KPK's 2 field offices, the BoS Balochistan does not have any field office even though Balochistan is Pakistan's largest province by area where population is much disintegrated. Besides that, the publication list of the BoS Balochistan is just limited to annual Development Statistics (DS) and Balochistan at a Glance. Balochistan at a Glance is a brochure in which data about the prominent provincial and federal departments is published by the BoS in tabular form. Compared to the BoS Balochistan, the list of publications in all the provincial bureaus includes several monthly and annual publications on a regular basis. In addition, the Bureaus of Punjab and Sindh are officially headed by Director Generals with the qualification of PhDs while the BoS Balochistan has set the qualification as Master's degree as a selection criterion for the director who heads the BoS Balochistan. With regard to the publication of the Multiple Indicator Cluster Survey (MICS) which is assisted by UNICEF, the BoS Balochistan has published two MICS reports i.e., in 2004 and 2010. Compared to the BoS Balochistan, the number of MICS published by other provincial Bureaus of Statistics are high.

Table 3.5 Comparison Between the Provincial Bureaus of Statistics

Attributes	Balochistan	Punjab	Sindh	KPK
Website	▪ No	▪ Yes	▪ Yes	▪ Yes
Data Availability	▪ DS	▪ DS ▪ Monthly (MIPE) publications	▪ DS ▪ Monthly (MIPE) publications	▪ DS ▪ Monthly (MIPE) publications
Primary Data Collection	▪ No	▪ Regular data collection	▪ Regular data collection	▪ Regular data collection ▪ Adhoc surveys
Proformas	▪ Yes	▪ Yes	▪ Yes	▪ Yes
Proforma Aligned with SDGs	▪ No	▪ No	▪ No	▪ No
Training conducting capacity	▪ Not Available	▪ Yes, last on 3rd Nov. 2020 about CATI	▪ Yes, last on 16-20 May 2016 in Karachi.	▪ Not Available
Field Offices	▪ No	▪ 9 Divisional and 7 at District levels	▪ 41 Field Offices	▪ 2 Field Offices
Publications	▪ DS ▪ Balochistan at a Glance	▪ Monthly MIPE ▪ DS ▪ Punjab in Figures ▪ Final Estimates of Major Rabi Crops in Punjab ▪ Statistical Pocket Book of Punjab ▪ Final Estimates of Major Kharif Crops in Punjab ▪ Land Utilization Statistics of Punjab ▪ Statistics of Arts and Science (Intermediate, Degree and Post Graduate Colleges)	▪ Monthly ▪ MIPE ▪ DS ▪ Sindh at a Glance ▪ Health Profile of Sindh (District Wise) ▪ College Education Statistics of Sindh ▪ School Education Statistics of Sindh	▪ Monthly MIPE ▪ DS ▪ District wise socio-economic indicators ▪ KPK in figures ▪ Regional Accounts Economic Review ▪ Monthly Price Report ▪ Adhoc publications
Head of office	▪ Director	▪ Director General	▪ Director General	▪ Director
Questionnaire for primary data collection	▪ No	▪ Designed by BoS	▪ Designed by BoS	▪ Designed by BoS

MICSs (UNICEF) Publications	▪ MICS 2004 ▪ MICS 2010 ▪ MICS 19-20 (in Process)	▪ MICS 03-04 ▪ MICS 07-08 ▪ MICS 2011 ▪ MICS 2014 ▪ MICS 17-18	▪ MICS 2004 ▪ MICS 2014 ▪ MICS 17-18	▪ MICS 2008 ▪ MICS 16-17 ▪ MICS 2019 (in Process)

Abbreviations; CATI= Computer Assisted Telephone Interviewing; MIPE= Monthly Survey of Industrial Production and Employment; MICS= Multiple Indicator Cluster Survey

3.14 Conclusion

The analysis of the data reveals clearly that the statistical capacity of the Bureau of Statistics (BoS) Balochistan has been weak and it has been ignored by the Planning and Development Department (P&DD). The major weaknesses of the BoS include: unclear job description of the staff, lack of publishing data in a standardised format, failure in timely publishing the development statistics, the inability of conducting surveys for primary data collection, failure in publishing of the data of all line departments, lack of a mechanism for ensuring quality of data, lack of producing data aligned with targets and indicators of the SDGs, etc. The BoS suffers several problems. For instance, space is not enough for the staff of the bureau. The computer accessories are outdated. Although, as basic responsibility, guaranteed in General Statistical (Re-organization) Act, 2011, the staff is completely unaware of its responsibility of monitoring and reporting of the SDGs in the province. Due to poor comprehension of the laws, regulations, and rules of business, the BoS has confined its role to the collection of secondary data from the key line departments and publishing it in Development Statistics (DS). The analysis of HR structure showed that in the past, the BoS has been flooded with irrelevant staff, particularly in the administration section, some in the statistical section. The majority of administrative staff has been attached to the P&DD. The most needed staff comprising surveyors for data collection are not part of the BoS's HR, that's an important reason that the Bureau has no capacity for primary data collection. Some of the non-qualified staff has been a part of the statistical section. The qualified and relevant staff in the statistical section has been working for long out of bureau on deputation. Seemingly, this has severely damaged both the growth and capacity of the bureau. The proformas used for data collection from the line departments are very much traditional which are rarely revised. These are not revised as per the demands of international commitment of Government of Pakistan i.e., the SDGs. There is a complete cut between the BoS and the SDGs. The proformas need to be revised through the lens of the SDGs. The staff is not incentivised for the collection of data which has made this process unattractive. The drafting and reporting of the secondary data have been weak and delayed. Most importantly, timely publishing of the DS has never been achieved due to delayed payments to the publishers. Unlike other provinces, the BoS Balochistan has no official website for efficient coordination with the line departments, sharing its publications and user-friendly interface for use of data. Overall, the BoS needs complete restructuring of their organisational structure, HR structure, redefining rules of business, expansion of capacity for conducting primary data, and most importantly fulfilling the responsibility of reporting the SDGs aligned data of the province.

Chapter 4

Current State of the Statistical Cells of Line Departments

This chapter deals with assessing the current state of statistical capacities of the statistical cells in the line departments of Government of Balochistan for improving monitoring and reporting of the sustainable development goals (SGDs) in Balochistan.

4.1 Human Resource Capacity of Statistical Cells

The analysis of the survey data (Figure 4.1) showed that out of the total 35 departments, 20 (57.14%) of the departments had low HR capacity, 13 (37.14%) departments had the medium capacity and only 2 (6%) of the departments had high capacity.

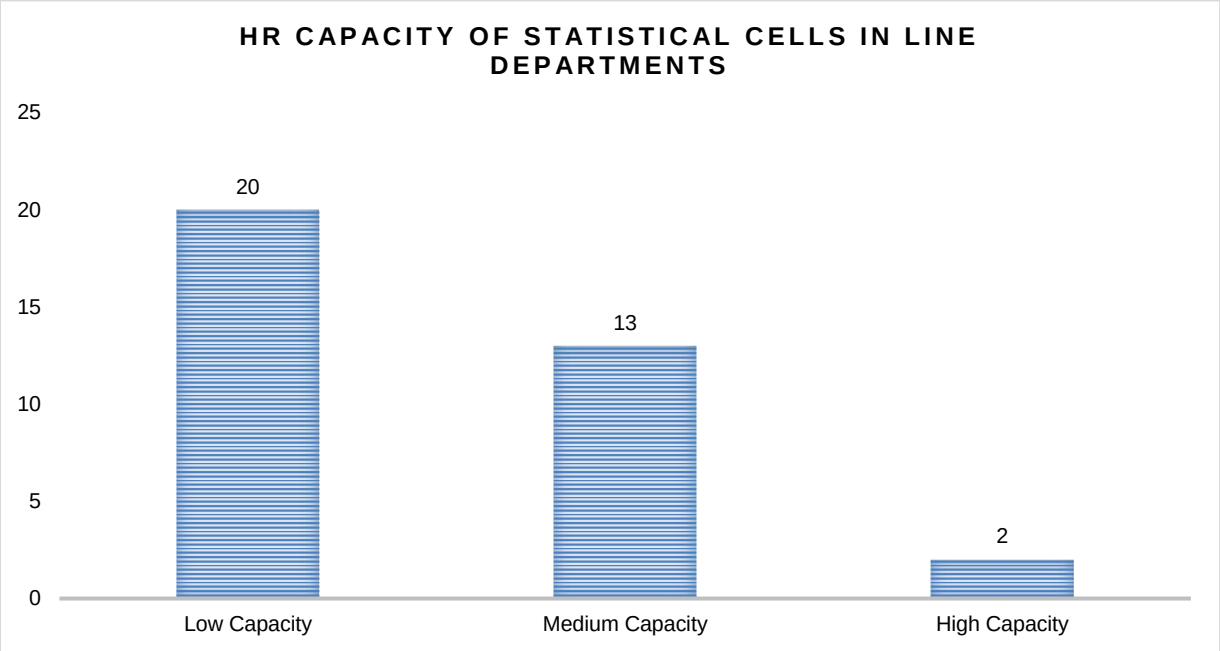


Figure 4.1 Human Resource Capacity of the Statistical Cells in Line Departments

4.2 Equipment's Availability in Statistical cells

The data in Figure 4.2 shows the availability of IT equipment at the statistical cells in the line departments. The data shows that the majority (94%) of the statistical cells have desktop computers and printers. The availability of photocopiers was found to be in 70% of the statistical cells. Almost half (45.50%) of the statistical cells have scanners and laptops. Only 9% of the total statistical cells had tablets.

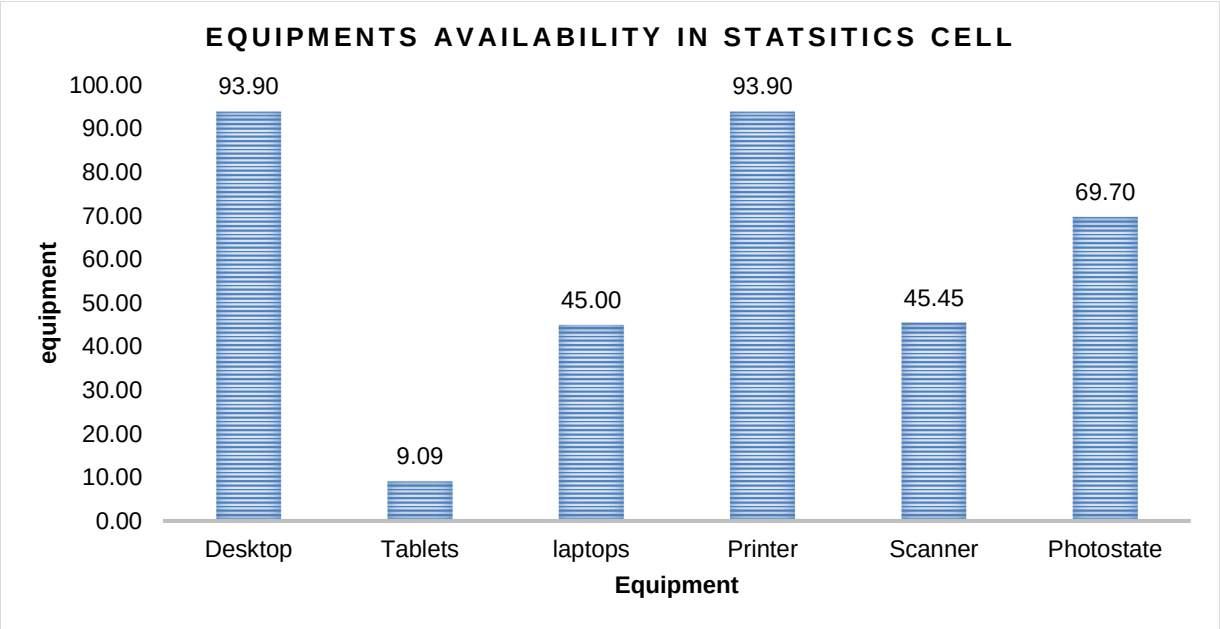


Figure 4.2 Availability of IT Equipment in Line Departments

4.3 Logistics Availability in Statistical Cells

The Figure 4.3 and 4.4 show the availability of logistics such as vehicles, government facility of providing conveyance and availability of staff for data collection. In almost two-thirds (66%), the vehicles were not available for data collection. Similarly, 42% of staff for data collection were not present.

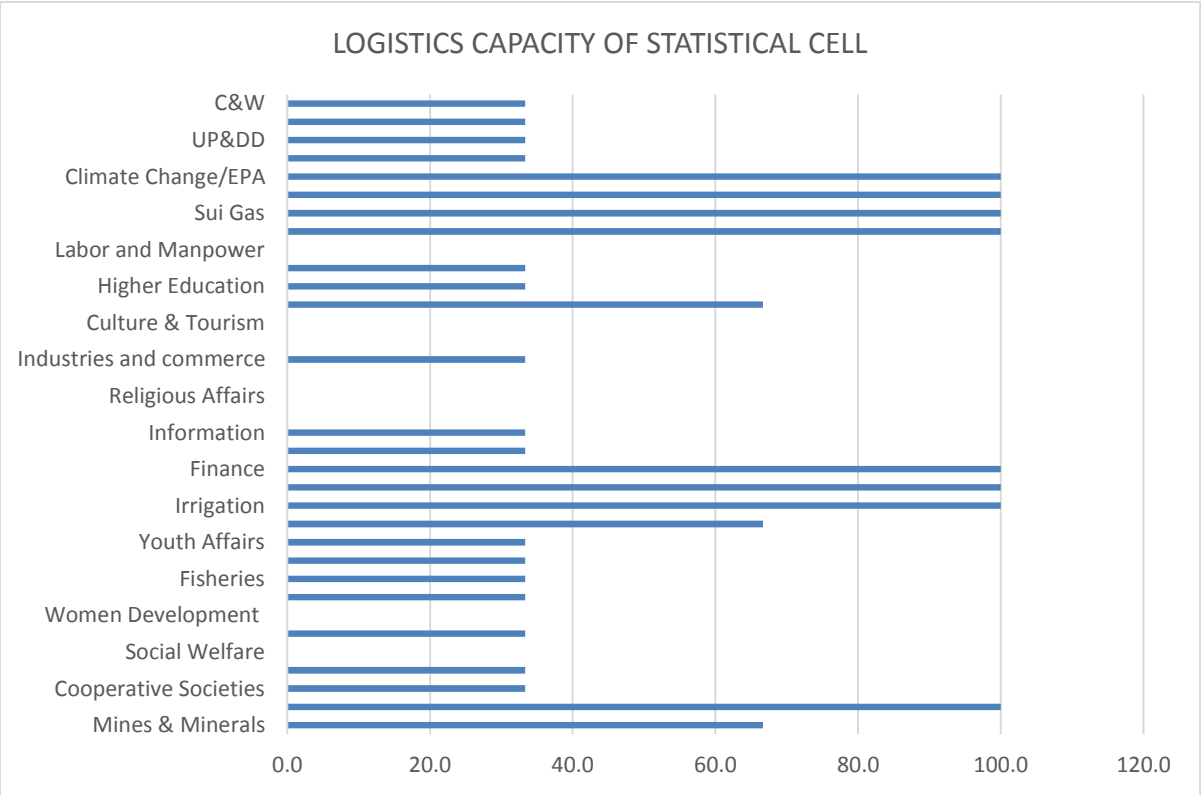


Figure 4.3 Logistics' Availability in Statistical Cells of Line Departments

4.4 Logistics Availability in Statistical Cells

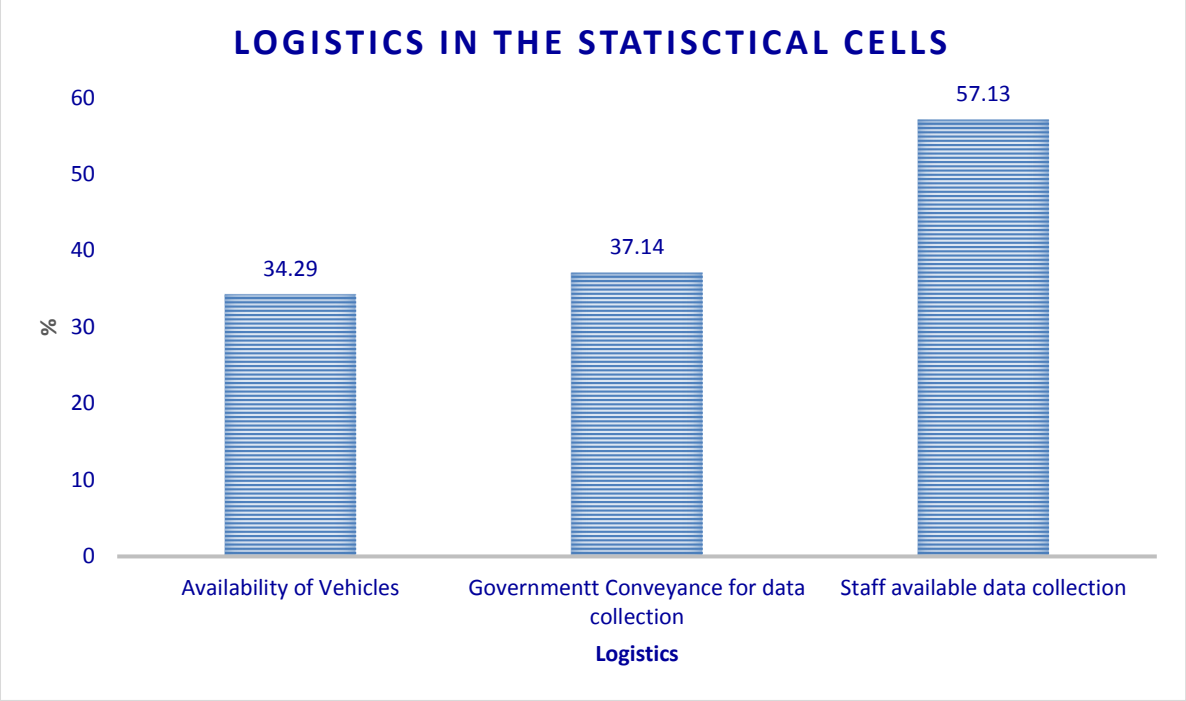


Figure 4.4 Logistics Availability in Statistical cells in Line Departments

4.5 Ranked Status of Statistical Cells in Line Departments

This section gives a detailed summary of the current status of the statistical cells in the line departments of Government of Balochistan. The statistical cells in the line departments were ranked based on their existing capacities. The categories of the ranking were; low, medium, and high. The following criterion was used for defining the categories of ranking:

High

- Availability of Statistical Cell
- Data reported to the BoS
- Availability of data collection instrument
- Availability of HR for data collection

Medium

- Availability of Statistical Cell
- Data reported to the BoS
- Unavailability of data collection instruments
- Unavailability of HR for data collection

Low

- No Statistical Cell
- Data not reported to the BoS
- Unavailability of data collection instruments
- Unavailability of HR for data collection

Table 4.1 Statistical Capacity of Mines & Minerals Department

Statistical Capacity: Mines & Minerals Department		
Major Functions	▪ Exploration / exploitation of mineral resources ▪ Establishment of more export processing zones ▪ Provide infrastructure facilities to the mining areas	
Availability of Statistical Cell	Yes (Name is other than Statistical Cell)	
Availability of HR in Statistical Cell	Computer Operators, Computer Programmer, Database Administrator, Data Analyst, Statistical Investigator, Statistical Officer	
Type of data	Primary	
Means of primary data collection	Email, WhatsApp, Staff, and Field Survey	
Data interval	Daily	
Proforma	Availability=Yes; Designed by= Department; Revised=Rarely	
Data collection purpose	Departmental Use and Specific Purpose	
Data analyzed by department	Yes	
Data availability	Departmental Office (Hard and Soft Copies)	
Publication of data	Federal Government	
Data in Development Statistics	Yes	
Capability for conducting survey	Yes	
Availability of finances for	Data collection: available but insufficient	
	Data processing: available but insufficient	
	Data reporting/publishing: available but insufficient	
Awareness about SDGs (Level of Agreement)	Awareness about SDGs:	Strongly agree
	Policy Support for SDGs:	Strongly Disagree
	Data alignment with SDGs:	Agree
	Workshop/seminar attended:	Strongly Disagree
	Received awareness material:	Agree
Ranked Needs of Statistical Cell	1=Hardware & Software, 2=Trainings, 3=Finance, 4=Human Resources, 5=Logistics & Communication	
Trainings attended	Title: Basic Application, Year=2020 Attendees= Computer Prog.	
Infrastructure Capacity	1 Main Office, 1Data Operator Office, 1 Archive Room, 1 Meeting Room, 2 other Rooms	
Sufficient Furniture	Yes	
Communication Capacity	1Telephone, WhatsApp, and Email	
Equipment/Technical Capacity	3 Desktop Computers, Laptop, 3 Printers, 1 Scanner, 1 Photostat Machine (Sufficient)	
Sufficient Stationery	Yes	
Availability of logistics for data collection	Vehicles: Yes, Private Conveyance is also used.	
	Data Collection Staff: Yes	
Relevant Sustainable Development Goals (SDGs)		
Goals	Targets	Indicators
	1.a,	1.a.2,
Status of the Statistical Cell		
Statistical Capacity Ranking	High	
SDGs Coverage/Alignment	Not at all=0, The data in the DS is not aligned with the SDGs indicator	
Recommendations	▪ IT Equipment need to be provided	
	▪ Awareness Trainings on the SDGs should be provided to the staff	

Table 4.2 Statistical Capacity of Agriculture Department

Statistical Capacity: Agriculture Department		
Major Functions	▪ Zoological Survey, Botanical Survey, ▪ Agriculture extension services. ▪ Agriculture operations.	
Statistical Cell	Yes (Statistical Wing)	
Availability of HR in Statistical Cell	Assistant Director, Deputy Director, Statistical Officer, Senior Crop Reporter, Computer Programmer, Statistical Officer, Senior Clerk, Junior Clerk, Assistant	
Number of HR in Statistical Cell	Data Collector: 352 Data analyst:15 Data reporter: 15	
Type of Data	Primary	
Means of primary data collection	Email, WhatsApp, Staff, and Field Survey	
Data interval	Seasonally	
Proforma	Availability: Yes Designed by: Department Revised: Yearly	
Data collection purpose	Departmental Use and Specific Purpose	
Data analyzed by department	No (National Level)	
Data availability	Departmental Office (Hard & Soft Copies)	
Publication of data	Department Publishes, Published by BoS	
Data in Development Statistics	Yes	
Survey conducting capability	Yes	
Availability of finances for	Data collection: No Data processing: No	
	Data reporting/publishing: Yes	
Awareness about the SDGs (Level of Agreement)	Awareness about the SDGs	Agree
	Policy Support for the SDGs	Strongly agree
	Data alignment with SDGs	Strongly agree
	Workshop/seminar attended	Strongly agree
	Received awareness material	Disagree
Ranked needs of Statistical Cell	1=Human Resources, 2=Finance, 3=Trainings, 4=Technical Capacity,4= Logistics & Communication, 5= Hardware & Software	
Trainings attended	No	
Infrastructure Capacity	1 Main Office, 15 Data Operator Offices, 8-10 Rooms for Officers, 1 Archive Room	
Sufficient Furniture	No	
Communication Capacity	3 Telephones, Fax, WIFI, WhatsApp Groups,	
Equipment/Technical Capacity	50% have Printers & Desktops Computers, 2-3 Laptops, Scanner, Photostat Machine	
Sufficient Stationery	Yes	
Availability of logistics for data collection	Vehicles: Yes, Government	
	Staff: Yes, but not sufficient	
Relevant Sustainable Development Goals (SDGs)		
Goals	Targets	Indicators
	2.1, 2.3, 2.4, 2.5,2.a, 2.b,	2.1.1, 2.1.2, 2.3.1, 2.3.2, 2.4.1,2.5.1,2.a,1,2.a.2,2.b.1,2.c.1
Status of the Statistical Cell		
Statistical Capacity Ranking	High	
SDGs Coverage/Alignment	Medium 0.50 (some indicators are partially reported and some are institutional data that can be used to cover more indicators)	
Recommendations	Need financial support for data collection and processing	
	Awareness Trainings on SDGs and statistical capacity	
	Furniture needs to be provided	
	Half of the staff lack IT equipment. IT equipment such as computers need to be provided for data analysis and processing	
	Human resource management is required	

Table 4.3 Statistical Capacity of Secondary Education Schools Department

Statistical Capacity: Secondary Education Schools Department		
Major Functions	To literate all children (Boys and Girls), in all settlement of the province and improvement for Quality Education. To hold and conduct all examinations pertaining to Intermediate Education, Secondary Education, Technical Education.	
Statistical Cell	Yes, Education Management Information System (EMIS)	
Availability of HR in Statistical Cell	Admin Officer, Stenographer, Computer Operator, Statistical officer, Data Analyst, Senior & Junior Clerk, Superintendent, Assistant	
Number of HR in Statistical Cell	Data collector: 120 Persons Data analyst: 6-7 Persons	
	Data reporter: 4-5 Persons per district	
Type of Data	Primary	
Means of primary data collection	Education Department	
Data interval	Regularly	
Proforma	Availability: Yes Revised: Usually (Yearly)	
	Designed by: Secondary Education, Government of Balochistan	
Data collection purpose	Performance Indicator and Departmental Use	
Data analyzed by department	Yes	
Departmental data availability	Official Website, Departmental Office (Hard and Soft Copies)	
Publication of data	Education Management Information System & Published by BoS	
Data in Development Statistics	Yes	
Survey conducting capability	Yes	
Availability of finances for	Data collection: Yes, Data processing: Yes	
	Data reporting/publishing: Yes	
Awareness about SDGs (Level of Agreement)	Awareness about SDGs	Agree
	Policy Support for SDGs	Agree
	Data alignment with SDGs	Agree
	Workshop/seminar attended	Agree
	Received awareness material	Agree
Ranked Needs of Statistical Cell	1=Human Resources,2=Technical Capacity,3=Hardware & Software,4=Logistics & Communication,5=Finance, 6=Trainings	
Trainings attended	Trainings record not compiled	
Infrastructure Capacity	1 Main Office, Data Operator Office, Rooms for Officers, 1 Archive Room	
Sufficient Furniture	No	
Communication Capacity	2 Telephones, 1 Fax, average Wi-Fi, WhatsApp	
Technical Capacity	25 desktop Computers, 4 Laptops, 17 Printers, Photostat Machine	
Sufficient Stationery	No	
Availability of logistics for data collection	Vehicles: No, Private vehicles are used.	
	Staff: Yes	
Relevant Sustainable Development Goals (SDGs)		
Goals	Targets	Indicators
	12.8 13.3	All indicators of goal 4 are covered except 4.b 12.8.1 and 13.3.1
Status of the Statistical Cell		
Statistical Capacity Ranking	High	
SDGs Coverage/Alignment	Somewhat 0.25 (Indicator 4.1.1 and 4.c.1 are reported)	
Recommendations	Need financial support for data collection and processing	
	Awareness Trainings on the SDGs and statistical capacity	
	Furniture and stationery need to be provided sufficiently	
	Logistics should be provided by the govt for data collection process.	
	Human resource management is required	

Table 4.4 Statistical Capacity of Social Welfare Department

Statistical Capacity: Social Welfare Department		
Major Functions	▪ Registration, technical assistance and monitoring of social welfare agencies ▪ Institutional care, skill development and rehabilitation ▪ Registration, assessment, training, employment, and rehabilitation of disabled persons	
Statistical Cell	No (Directorate)	
Availability of HR in Statistical Cell	Director, Deputy Director, Computer Operator, Senior & Junior Clerk, superintendent, Assistant	
Number of HR and qualification	Data collector:2 Data analyst:2 Data reporter:4	
Type of Data	Primary	
Means of primary data collection	Official Letters	
Data interval	Not regular	
Proforma	Availability: Yes, designed by: Department Revised: Rarely	
Data collection purpose	Performance indicator, Specific purpose and Departmental Use	
Data analyzed by department	Yes	
Departmental data availability	Departmental Office (Hard Copies)	
Publication of data	Department Publishes	
Data in Development Statistics	No	
Survey conducting capability	No	
Availability of finances for	Data collection: No Data processing: No	
	Data reporting/publishing: No	
Awareness about SDGs (Level of Agreement)	Awareness about the SDGs	Strongly Agree
	Policy Support for the SDGs	Strongly Agree
	Data alignment with the SDGs	Strongly Agree
	Workshop/seminar attended	Strongly Agree
	Received awareness material	Strongly Agree
Ranked need of Statistical Cell	1=Technical Capacity,2=Human Resources,3=Trainings, 4=Finance,5=Hardware&Software,6=Logistics& Communication	
Trainings attended	Title: National Assessor Year: 2019-20	
	Attendees: Assistant Director	
Infrastructure Capacity	Enough	
Sufficient furniture	Yes	
Communication Capacity	15-16 Telephones, 1 Fax, WIFI, and WhatsApp	
Technical Capacity	20 Desktop Computers, Laptop, Printer, 2 Scanners, 3 Photostat Machine	
Sufficient Stationery	Yes	
Availability of logistics for data collection	Vehicles: No, Personal vehicles are used.	
	Staff: No	
Relevant Sustainable Development Goals (SDGs)		
Goals	Targets	Indicators
	1.1, 1.2, 1.4,1.b 10.2, 10.3, 16.2, 16.6	1.1.1, 1.2.1, 1.2.2, 1.4.1, 1.b.1, 10.2.1, 10.3.1, 16.2.3, 16.6.2
Status of the Statistical Cell		
Statistical Capacity Ranking	Medium	
SDGs Coverage/Alignment	Not at all (0.00)	
Recommendations	▪ Establishment of statistical cell in the department	
	▪ Sufficient finances for data collection, processing and reporting should be provided	
	▪ Staff for data collection should be hired	
	▪ Logistics should be provided by the govt for data collection process.	

Table 4.5 Statistical Capacity of Registrar Cooperative Societies Department

Statistical Capacity: Registrar Cooperative Societies Department		
Major Functions	▪ Arrange to pay the liabilities of the Board ▪ Settle all outstanding claims against the Board	
Statistical Cell	No (General Branch)	
Availability of HR in Statistical Cell	Superintendent, Statistical Assistant, Senior & Junior Clerk, Assistant, Inspectors & Sub Inspectors	
Number of HR in Statistical Cell	Data collector: 84 Data analyst: 84 Data reporter: 2	
Type of Data	Primary	
Means of primary data collection	Staff	
Data interval	Yearly	
Proforma availability	No	
Data collection purpose	Departmental Use, Sent to BoS, P&DD and Specific Use	
Data analyzed by department	Yes	
Departmental data availability	Departmental Office (Soft and Hard Copies)	
Publication of data	BoS Publishes	
Data in Development Statistics	Yes	
Survey conducting capability	No	
Availability of finances for	Data collection: No Data processing: No	
	Data reporting/publishing: No	
Awareness about SDGs (Level of Agreement)	Awareness about the SDGs	Strongly Disagree
	Policy Support for the SDGs	Strongly Disagree
	Data alignment with the SDGs	Disagree
	Workshop/seminar attended	Strongly Disagree
	Received awareness material	Strongly Disagree
Ranked needs of Statistical Cell	1=Human Resources, 2=Logistics & Communication, 3=Hardware & Software, 4=Finance, 5=Technical Capacity, Trainings	
Trainings attended	Title: Cooperative Training Year: 7 Months (Duration)	
	Attendees Inspectors & Sub Inspectors	
Infrastructure Capacity	1 Main Office, 1 Data Operator Office	
Sufficient furniture	Yes	
Communication Capacity	7-8 Telephones, Wi-Fi	
Technical Capacity	Desktop Computer, 1 Printer,	
Sufficient Stationery	Yes	
Availability of logistics for data collection	Vehicles: No, Private	
	Staff: Yes	
Relevant Sustainable Development Goals (SDGs)		
Goals	Targets	Indicators
N/A	N/A	N/A
Status of the Statistical Cell		
Statistical Capacity Ranking	Medium	
SDGs Coverage/Alignment	Not at all (0.00)	
Recommendations	▪ A statistical cell should be established. Currently, the Performa should be provided by the BoS and publish its data.	
	▪ Sufficient finances for data collection, processing and reporting should be provided	
	▪ Awareness trainings should be provided on the SDGs	
	▪ IT equipment should be provided for data analysis and processing	
	▪ Department has no capability to conduct any survey so government should enhance the survey conducting capability, thus relevant HR may be hired	

Table 4.6 Statistical Capacity of Law & Parliamentary Affairs Department

Statistical Capacity: Law & Parliamentary Affairs Department		
Major Functions	▪ Conduct of Government litigation ▪ Representation in criminal cases ▪ Appeals and application for enhancement of sentences and convictions	
Statistical Cell	No (IT Section)	
Availability of HR in Statistical Cell	Deputy Director, Assistant Director, Computer Operator, Junior Clerk, Superintendent, Assistant	
Number of HR and qualification	Data collector: Not Applicable Data analyst: Not Applicable	
	Data reporter: Not Applicable	
Type of Data	Not Applicable, (only letter modification)	
Means of primary data collection	Not Applicable	
Data interval	Not Applicable	
Proforma availability	No	
Data collection purpose	Departmental use	
Data analyzed by department	Not Applicable	
Departmental data availability	Website (Soft & Hard Copies)	
Publication of data	Not Applicable	
Data in Development Statistics	No	
Survey conducting capability	Not Applicable	
Availability of finances for	Data collection: Not Applicable, Data processing: Not Applicable	
	Data reporting/publishing: Not Applicable	
Awareness about SDGs (Level of Agreement)	Awareness about the SDGs	Agree
	Policy Support for the SDGs	Agree
	Data alignment with the SDGs	Strongly Disagree
	Workshop/seminar attended	Disagree
	Received awareness material	Disagree
Ranked needs of Statistical Cell	1=Technical Capacity,2= Human Resources,3= Finance, 4=Hardware & Software, 5=Trainings, 6=Logistics & Communication	
Trainings attended	Not Applicable	
Infrastructure Capacity	1 Main Office, Data Operator Office, Archive Room, Meeting Room,	
Sufficient Furniture	Yes	
Communication Capacity	Telephone, Fax, Wi-Fi, WhatsApp Group	
Technical Capacity	Computers, Tablets, Laptop, Printer, Scanner, Photostat Machine	
Sufficient Stationery	Yes	
Availability of logistics for data collection	Vehicles: NA	
	Staff: NA	
Relevant Sustainable Development Goals (SDGs)		
Goals	Targets	Indicators
	5.a 10.3 11.7	5.a.2 10.3.1 11.7.1
Status of the Statistical Cell		
Statistical Capacity Ranking	Medium	
SDGs coverage/Alignment	Not at all 0.00	
Recommendations	▪ A statistical cell should be established.	
	▪ Awareness trainings should be provided on the SDGs	
	▪ IT equipment should be provided for data analysis and processing	

Table 4.7 Statistical Capacity of Services & General Administration Department

Statistical Capacity: Services & General Administration Department		
Major Functions	▪ Recruitment, Promotions and Transfers/Postings ▪ Contracts/Appointments to the Provincial Government	
Statistical Cell (Title)	Yes (Statistical Wing)	
Availability of HR in Statistical Cell	Computer Operator, Assistant Computer Operator, Computer Programmer, Database administrator, Senior & Junior Clerk, Superintendent, Assistant	
Number of HR	Data collector: 7-8 Data analyst: 35	
	Data reporter: 250	
Type of Data	Secondary	
Means of primary data collection	Emails and WhatsApp	
Data interval	Need basis	
Proforma	Availability: Yes, Designed by: Department Revised: Rarely	
Data collection purpose	Performance Indicator and Departmental Use	
Data analyzed by department	Yes	
Departmental data availability	Departmental Office (Hard Copies)	
Publication of data	Department Publishes	
Data in Development Statistics	No	
Survey conducting capability	Yes	
Availability of finances for	Data collection: No Data processing: Yes	
	Data reporting/publishing: Yes	
Awareness about SDGs (Level of Agreement)	Awareness about the SDGs	Agree
	Policy Support for the SDGs	Strongly Disagree
	Data alignment with the SDGs	Strongly Disagree
	Workshop/seminar attended	Agree
	Received awareness material	Agree
Ranked needs of Statistical Cell	1=Human Resources, 2=Trainings, 3=Hardware & Software, 4=Technical Capacity,5= Finance, 6=Logistics & Communication	
Trainings attended	Title: Advance MS Excel Year: 2015	
	Attendees: Superintendent	
Infrastructure Capacity	1 Main Office, 52 rooms for Officers, 3 Archive rooms, 3 Meeting Rooms	
Sufficient furniture	Yes	
Communication Capacity	100 Desktop Computers,150 telephones, 10 faxes, Wi-Fi, WhatsApp	
Technical Capacity	70 Printers, 5 Scanners, 15 Photostat Machines	
Sufficient Stationery	Yes	
Availability of logistics for data collection	Vehicles: No, Private	
	Staff: Yes	
Relevant Sustainable Development Goals (SDGs)		
Goals	Targets	Indicators
N/A	N/A	N/A
Status of the Statistical Cell		
Statistical Capacity Ranking	Medium	
SDGs Coverage/Alignment	Not at all 0.00	
Recommendations	▪ Currently, their data is not published. Appropriate data may be sent to BoS for publication.	
	▪ Sufficient finances for data collection, processing and reporting should be provided	
	▪ Awareness trainings should be provided on the SDGs	

Table 4.8 Statistical Capacity of Fisheries Department

Statistical Capacity: Fisheries Department		
Major Functions	▪ Check on fishing without license ▪ Restriction on catching undersised fish ▪ Protection of fish against use of explosives/ poisons	
Statistical Cell	No (Other)	
Availability of HR in Statistical Cell	Assistant Director, Deputy Director, Data Collector, Computer Operator, Computer Programmer, Data Analyst, Statistical Assistant, Statistical Officer, Statistical Investigator, Assistant Data Collector, Superintendent	
Number of HR	Data collector: 18 Data analyst: 2 Persons	
	Data reporter: 2 Persons	
Type of Data	Primary	
Means of primary data collection	By staff	
Data interval	Daily	
Proforma availability	No	
Data collection purpose	Departmental Use and Specific Purpose	
Data analyzed by department	No (outsource)	
Departmental data availability	Departmental Office (Soft & Hard Copies)	
Publication of data	Never Published	
Data in Development Statistics	No	
Survey conducting capability	Yes	
Availability of finances for	Data collection: No Data processing: No	
	Data reporting/publishing: No	
Awareness about SDGs (Level of Agreement)	Awareness about the SDGs	Agree
	Policy Support for the SDGs	Strongly Disagree
	Data alignment with the SDGs	Strongly Agree
	Workshop/seminar attended	Agree
	Received awareness material	Agree
Ranked need of Statistical Cell	1=Trainings, 2= Finance, 3= Hardware & Software, 4=Technical Capacity, 5=Logistics & communication, 6=Human Resources	
Trainings attended	Title: Nil Year: Nil Attendees: Nil	
Infrastructure Capacity	1 Main Office, other Offices	
Sufficient furniture	No	
Communication Capacity	Telephones are in poor condition, Wi-Fi, WhatsApp Group	
Technical Capacity	Desktop Computers, 7 laptops, 8 printers, 2 Scanners, 2 Photostat Machines	
Sufficient Stationery	Yes	
Availability of logistics for data collection	Vehicles: No, Private vehicles are used for data collection.	
	Staff: Yes	
Relevant Sustainable Development Goals (SDGs)		
Goals	Targets	Indicators
	All targets of goal are relevant for Fisheries Department	-do-
Status of the Statistical Cell		
Statistical Capacity Ranking	Medium	
SDGs Coverage/Alignment	Somewhat (0.25)	
Recommendations	▪ Statistical cell may be established. Currently, their data is not published. Appropriate data may be sent to the BoS for publication.	
	▪ Sufficient finances for data collection, processing and reporting should be provided	
	▪ Awareness trainings should be provided on the SDGs along with training for statistical capacity development	

Table 4.9 Statistical Capacity of Bureau of Statistics

Statistical Capacity: Bureau of Statistics		
Major Functions	▪ To prepare basic socio-economic indicators of the province. ▪ To prepare and maintain up to date frame for conducting censuses and surveys. ▪ To adopt and follow National Statistical Standards and procedures in collection, tabulations and presentation of various statistical series.	
Statistical Cell	Yes (Statistical Cell)	
Availability of HR in Statistical Cell	Director, Research Officer, Computer Operator, assistant Computer Operator, Computer Programmer, Data Analyst, Statistical Investigator, Statistical Assistant, Senior & Junior Clerk, Superintendent	
Number of HR	Data collector: 1 Data analyst: 4 Data reporter: 4	
Type of Data	Secondary	
Means of primary data collection	Email, Fax, and WhatsApp	
Data interval	Yearly	
Proforma	Availability: Yes Designed by: Department Revised: Occasionally	
Data collection purpose	Departmental Use and Specific Purpose & Performance Indicator	
Data analyzed by department	Yes	
Departmental data availability	IT Website, Departmental Office (Soft & Hard Copies)	
Publication of data	Development Statistics and Balochistan at a Glance	
Survey conducting capability	Yes	
Availability of finances for	Data collection: No Data processing: Yes	
	Data reporting/publishing: Yes	
Awareness about SDGs (Level of Agreement)	Awareness about the SDGs	Strongly Disagree
	Policy Support for the SDGs	Strongly Disagree
	Data alignment with the SDGs	Strongly Disagree
	Workshop/seminar attended	Strongly Disagree
	Received awareness material	Strongly Disagree
Ranked needs of Statistical Cell	1=Humane Resource,2=Finance,3=Technical Capacity, 4=Trainings,5=Logistics & Communication,6=Hardware & Software	
Trainings attended	Title: No Year: NA Attendees: NA	
Infrastructure Capacity	1 Main Office, 3 Rooms for Officers	
Sufficient furniture	No	
Communication Capacity	Telephone, Fax, Wi-Fi, WhatsApp Group	
Technical Capacity	9 Desktop Computers,1 Printer, 1 scanner	
Sufficient Stationery	No	
Availability of logistics for data collection	Vehicles: No, Private vehicles are used.	
	Staff: No	
Relevant Sustainable Development Goals (SDGs)		
Goals	Targets	Indicators
Goals: province/district level	Targets: province/district level	Indicators: province/district level
Status of the Statistical Cell		
Statistical Capacity Ranking	High	
SDGs Coverage/Alignment	Somewhat (0.25)	
Recommendations	▪ Sufficient Space should be provided.	
	▪ Surveyors may be hired for primary & secondary data collection	
	▪ Sufficient and timely finances for data collection, processing and reporting should be provided	
	▪ Awareness trainings should be provided on the SDGs along with training for statistical capacity development of the staff.	
	▪ Technical capacity and stationery are less as compared to work. Updated IT equipment such as computers, printers and USBs for data collections should be provided.	
	▪ Separate departmental website should be developed where all reports and proformas may be made available and it should be used as an interface between the BoS and line departments for data collection and sharing.	

Table 4.10 Statistical Capacity of Youth Affairs Department

Statistical capacity: Youth Affairs Department		
Major Functions	▪ It deals with Youth Affairs wing of the department ▪ Assistant Director heads the Youth Affairs wing of the department ▪ Youth Development Centre Quetta	
Statistical Cell	No (Data is managed section-wise)	
Availability of HR in Statistical Cell	1 Director, 13 Assistant Director, 7 Assistant Computer Operator, 3 senior Clerk, 17 Junior Clerks, 3 Superintendents	
Number of HR and qualification	Data collector: 3 Data analyst: 3 Data reporter: 3	
Type of Data	Primary	
Means of primary data collection	By Staff	
Data interval	Event-Wise	
Proforma	Availability: No Designed by: NA Revised: NA	
Data collection purpose	Departmental Use and Performance Indicator	
Data analyzed by department	Yes	
Departmental data availability	Departmental Office (Hard copies)	
Publication of data	Department Publishes	
Data in Development Statistics	No	
Survey conducting capability	Yes	
Availability of finances for	Data collection: No Data processing: No	
	Data reporting/publishing: No	
Awareness about SDGs (Level of Agreement)	Awareness about the SDGs	Strongly Disagree
	Policy Support for the SDGs	Strongly Disagree
	Data alignment with the SDGs	Strongly Disagree
	Workshop/seminar attended	Strongly Disagree
	Received awareness material	Strongly Disagree
Ranked needs of Statistical Cell	1=Finance, 2=Hardware & Software,3= Logistics & communication, 4=Trainings, 5=Technical Capacity, 6=Human Resource	
Trainings attended	Title: No Year: NA Attendees: NA	
Infrastructure Capacity	1 Main Office,	
Sufficient furniture	No	
Communication Capacity	1 Telephone	
Technical Capacity	1Desktop Computer, 1 Printer	
Sufficient Stationery	No	
Availability of logistics for data collection	Vehicles: No, Personal Staff: Yes	
Relevant Sustainable Development Goals (SDGs)		
Goals	Targets	Indicators
	8.9, 11.4, 12. b	8.9.1, 8.9.2, 11.4.1, 12. b.1
Status of the Statistical Cell		
Statistical Capacity Ranking	Medium	
SDGs coverage/Alignment	Not at all (0.00)	
Recommendations	▪ Statistical cell may be established. Currently, their data is not published. Appropriate data may be sent to the BoS for publication.	
	▪ Sufficient finances for data collection, processing and reporting should be provided	
	▪ Awareness trainings should be provided on the SDGs along with training for statistical capacity development	
	▪ The limited infrastructure and technical capacity may be enhanced by providing sufficient finances.	

Table 4.11 Statistical Capacity of Irrigation Department

Statistical capacity: Irrigation Department		
Major Functions	▪ Monitoring / collection, compilation of water quality and hydro meteorological data planning ▪ Design and construction of Delay Action Dams, Storage Dams, Perennial and Flood Irrigation & Drainage Schemes ▪ Rehabilitation of damaged irrigation/ drainage facilities	
Statistical Cell (Title)	No (Data is managed section-wise)	
Availability of HR in Statistical Cell	Computer Operator, Computer Programmer, Senior & Junior Clerks, Superintendent	
Number of HR	Data collector: NA Data analyst: NA Data reporter: NA	
Type of Data	PSDP Data, and HR Data	
Means of primary data collection	Email, WhatsApp, Staff, Survey	
Data interval	Event-wise	
Proforma	Availability: Yes Designed by: Department Revised: Yearly	
Data collection purpose	Sent to the BoS and department and Performance Indicator and specific Purpose	
Data analyzed by department	Yes (in shape of PSDP)	
Departmental data availability	Departmental Office (Soft & Hard Copies)	
Publication of data	BoS Publishes	
Data in Development Statistics	Yes	
Survey conducting capability	Yes	
Availability of finances for	Data collection: No Data processing: No	
	Data reporting/publishing: No	
Awareness about SDGs (Level of Agreement)	Awareness about the SDGs	Strongly Disagree
	Policy Support for the SDGs	Strongly Disagree
	Data alignment with the SDGs	Strongly Disagree
	Workshop/seminar attended	Strongly Disagree
	Received awareness material	Strongly Disagree
Ranked needs of Statistical Cell	1=Technical Capacity, 2-Trainings,3= Hardware & Software, 4=Finance, 5=Human Resource, 6=Logistics & Communication	
Trainings attended	Title: No Year: NA Attendees: NA	
Infrastructure Capacity	Main Office, Archive room, Meeting Room, Data Operator Office,	
Sufficient furniture	No	
Communication Capacity	Telephone	
Technical Capacity	Desktop Computer, Tablet, Laptop, Printer, Scanner, Photostat Machine	
Sufficient Stationery	Yes	
Availability of logistics for data collection	Vehicles: Yes, Government vehicle is available	
	Staff: Yes	
Relevant Sustainable Development Goals (SDGs)		
Goal:	Targets	Indicators
	2.5, 2.b, 6.4, 6.4, 12.5	2.5.1, 2.b.1 6.4.1, 6.4.2 12.5.1
Status of the Statistical Cell		
Statistical Capacity Ranking	Medium	
SDGs Coverage/Alignment	Not at all (0.00)	
Recommendations	▪ Statistical cell may be established. Currently, their data is not published. Appropriate data may be sent to the BoS for publication.	
	▪ Sufficient finances for data collection, processing and reporting should be provided	
	▪ Awareness trainings should be provided on the SDGs along with training for statistical capacity development	

Table 4.12 Statistical Capacity of Food Department

Statistical Capacity: Food Department		
Major Functions	▪ Maintains strategic reserves, procure wheat from growers on subsidised rates ▪ Ensures supply of wheat on affordable rates to the flour mills, ▪ Ensures food security, and to maintenance Provincial Reserves Centers in proper conditions	
Statistical Cell	Yes (Statistical wing)	
Availability of HR in Statistical Cell	Statistical Officer, Research Officer, Computer Operator, Computer Programmer, Statistical Assistant, Senior & Junior Clerk, Superintendent, Assistant	
Number of HR	Data collector: 1 Data analyst: 1 Data reporter: 1	
Type of Data	Primary	
Means of primary data collection	Email, WhatsApp, Fax, Wireless Message	
Data interval	Daily	
Proforma Availability	No	
Data collection purpose	Ministry of Food & Security Use and Specific Purpose	
Data analyzed by department	Yes	
Departmental data availability	Departmental Office (Soft & Hard)	
Publication of data	Not Published	
Data in Development Statistics	No	
Survey conducting capability	Yes	
Availability of finances for	Data collection: Yes Data processing: Yes	
	Data reporting/publishing: Yes	
Awareness about SDGs (Level of Agreement)	Awareness about the SDGs	Agree
	Policy Support for the SDGs	Strongly Disagree
	Data alignment with the SDGs	Disagree
	Workshop/seminar attended	Strongly Agree
	Received awareness material	Agree
Ranked needs of Statistical Cell	1=Trainings, 2=Technical Capacity, 3=Logistics & Communication, 4=Human Resource, 5=finance, 6=Hardware & Software	
Trainings attended	Not Applicable	
Infrastructure Capacity	1 Main Office	
Sufficient furniture	Yes	
Communication Capacity	Telephone, Fax, Wi-Fi, and WhatsApp Group	
Technical Capacity	Desktop Computer, Printer, Scanner	
Sufficient Stationery	Yes	
Availability of logistics for data collection	Vehicles: Yes, Government vehicle is available	
	Staff: Yes	
Relevant Sustainable Development Goals (SDGs)		
Goals	Targets	Indicators
	2.1, 2.3, 2.c, 12.3	2.1.1, 2.1.2, 2.3.2, 2.c.1, 12.3.1
Status of the Statistical Cell		
Statistical Capacity Ranking	Medium	
SDGs Coverage/Alignment	Not at all (0.00)	
Recommendations	▪ HR for data collection, analysis and reporting are not enough. Appropriate HR may be hired.	
	▪ Sufficient infrastructure for statistical cell may be arranged	
	▪ Awareness trainings should be provided on the SDGs along with training for statistical capacity development	

Table 4.13 Statistical Capacity of Finance Department

Statistical Capacity: Finance Department		
Major Functions	▪ To assist in the formulation and ensure the effective execution of sound and equitable economic and financial policies ▪ Achieving allocative efficiency through best budget making practices ▪ Strengthening Public Finance Management Efficient Macro-Economic and Fiscal Management Meaningful	
Statistical Cell	Yes (Statistical Wing)	
Availability of HR in Statistical Cell	Director, System Analyst, Computer Operator, Computer Programmer	
Number of HR	Data collector: Nil Data analyst: 6 Data reporter: 6	
Type of Data	Secondary	
Means of primary data collection	Only Modification of Letters	
Data interval	Irregular	
Proforma Availability	No	
Data collection purpose	Departmental Use	
Data analyzed by department	Yes	
Departmental data availability	Department Website (Soft & Hard Copies)	
Publication of data	Department Publishes	
Data in Development Statistics	Yes	
Survey conducting capability	Not Sure	
Availability of finances for	Data collection: Yes Data processing: Yes	
	Data reporting/publishing: Yes	
Awareness about SDGs (Level of Agreement)	Awareness about the SDGs	Strongly Disagree
	Policy Support for the SDGs	Strongly Disagree
	Data alignment with the SDGs	Strongly Disagree
	Workshop/seminar attended	Strongly Disagree
	Received awareness material	Strongly Disagree
Ranked needs of Statistical Cell	1=Technical Capacity,2= Logistics & Communication, 3=Trainings,4= Hardware & Software, 5= Human Resource	
Trainings attended	Not Applicable	
Infrastructure Capacity	Enough	
Sufficient furniture	Not at all	
Communication Capacity	4 Telephones, 1 Fax, Wi-Fi	
Technical Capacity	10 Desktop Computers, 2 Laptops, 10 Printers, 3 Scanners, 3 Photostat Machines	
Sufficient Stationery	Yes	
Availability of logistics for data collection	Vehicles: Yes, Government	
	Staff: Yes	
Relevant Sustainable Development Goals (SDGs)		
Goals	Targets	Indicators
	1.5, 1. a, 8.1, 8.3, 10.5, 16.6, 17.3.1, 17.10, 17.12	1.5.3, 1. a.1, 8.1.1, 8.3.1, 10.5.1, 16.6.1, 17.3.1, 17.10.1, 17.12.1
Status of the Statistical Cell		
Statistical Capacity Ranking	High	
SDGs coverage/Alignment	Not at all (0.00)	
Recommendations	▪ Furniture is highly insufficient for the staff. Sufficient furniture for statistical cell may be arranged	
	▪ Awareness trainings should be provided on the SDGs for efficiency and alignment of data.	

Table 4.14 Statistical Capacity of Health Department

Statistical Capacity: Health Department		
Major Functions	▪ Delivery of Health care services including preventive, curative and special services. ▪ Preventive programme such as EPI, MCP, TB Control Programme, HIV/AID controls programme, Leprosy Control Programme, MCH Programme, National Programme for FP&PHC, and Polio Eradication Initiatives (PEI) etc., are being run by the health department. ▪ Developing and strengthening regulatory framework to observe standards.	
Statistical Cell	Yes (Health Management Information System (HMIS))	
Availability of HR in Statistical Cell	Provincial coordinator Programme Manager, deputy Programme Manager, Computer Operator, Assistant Computer Operator, Statistical Officer, Senior & Junior Clerk, Superintendent	
Number of HR	Data collector: 2 Data analyst: 2 Data reporter: 2	
Type of Data and Interval	Primary and Monthly	
Means of primary data collection	Email, WhatsApp, Staff	
Proforma	Availability: Yes Designed by: Federal Ministry Revised: Rarely	
Data collection purpose	Sent to BoS, Departmental Use and Specific Purpose	
Data analyzed by department	Yes	
Departmental data availability	Departmental Website (Soft & Hard Copies)	
Publication of data	Department Publishes	
Data in Development Statistics	Yes	
Survey conducting capability	Yes	
Availability of finances for	Data collection: No Data processing: Yes, not sufficient	
	Data reporting/publishing: Yes, not sufficient	
Awareness about SDGs (Level of Agreement)	Awareness about the SDGs	Disagree
	Policy Support for the SDGs	Agree
	Data alignment with the SDGs	Agree
	Workshop/seminar attended	Strongly Disagree
	Received awareness material	Strongly Disagree
Ranked needs of Statistical Cell	1=Human Resource,2= Technical Capacity,3= Hardware & Software, 4=Trainings,5= Logistics & Communication, 6=Finance	
Trainings attended	Title: NA Year: 2017 Attendees: Each District's focal person	
Infrastructure Capacity	Main Office, Computer Programmer Office, Rooms for Officers, Computer Operator Office	
Sufficient Furniture	Yes	
Communication Capacity	Telephone, Fax, WhatsApp Group, Wi-Fi	
Technical Capacity	10 Desktop Computers, 1 Laptop, 1 Printer	
Sufficient Stationery	Yes	
Availability of logistics for data collection	Vehicles: No	
	Staff: N/A	
Relevant Sustainable Development Goals (SDGs)		
Goal	Targets	Indicators
	2.2, 3.1, 3.1, 3.2, 3.2, 3.3, 3.3, 3.3, 3.3, 3.3, 3.4, 3.4, 3.5, 3.5, 3.6, 3.7, 3.7, 3.8, 3.9, 3.b, 3.b, 3.b, 3.c, 3.d, 3.d, 11.5, 11.5, 13.1.1,	2.2.1, 3.1.1, 3.1.2, 3.2.1, 3.2.2, 3.3.1,3.3.2,3.3.3, 3.3.4, 3.3.5, 3.4.1, 3.4.2, 3.5.1, 3.5.2,3.6.1,3.7.1, 3.7.2, 3.8.1, 3.9.3,3. b. 2,3. b.1, 3.b.3, 3.c.1, 3.d.1,3. d.2, 11.5.1, 11.5.2, 13.1.1
Status of the Statistical Cell		
Statistical Capacity Ranking	High	
SDGs Coverage/Alignment	Somewhat 0.25 (indicator 3.3.3 and 3.b.1 are partially reported, rest is institutional data)	
Recommendations	▪ Finances for data collection, analysis and reporting are not sufficient. Sufficient finances for data collection, processing and reporting should be provided.	
	▪ Awareness trainings should be provided on the SDGs for efficiency and alignment of data.	

Table 4.15 Statistical Capacity of Religious Affairs Department

Statistical Capacity: Religious Affairs Department		
Major Functions	▪ Control and repair of mosques/ properties under its control ▪ Holding of Annual Hifz-o-Qirat Competition ▪ Celebration of Seerat-un–Nabi Conference. ▪ Holding of Ulama and Mashaikh Conference ▪ Meeting of Ruet-e-Hilal Committee	
Statistical Cell	No	
Availability of HR in Statistical Cell	No	
Number of HR and qualification	Data collector: NA Data analyst: NA Data reporter: NA	
Type of Data	Departmental	
Means of primary data collection	NA	
Data interval	NA	
Proforma availability	No	
Data collection purpose	Departmental Use	
Data analyzed by department	Yes	
Departmental data availability	Departmental Office (Hard Copies)	
Publication of data	No	
Data in Development Statistics	No	
Survey conducting capability	No	
Availability of finances for	Data collection: NA Data processing: NA	
	Data reporting/publishing: NA	
Awareness about SDGs (Level of Agreement)	Awareness about the SDGs	Strongly Disagree
	Policy Support for the SDGs	Strongly Disagree
	Data alignment with the SDGs	Strongly Disagree
	Workshop/seminar attended	Strongly Disagree
	Received awareness material	Strongly Disagree
Need of Statistical Cell	All basic facilities of a statistical cell	
Trainings attended	NA	
Infrastructure Capacity	Enough	
Sufficient furniture	Yes	
Communication Capacity	NA	
Technical Capacity	NA	
Sufficient Stationery	Yes	
Availability of logistics for data collection	Vehicles: NA	
	Staff: NA	
Relevant Sustainable Development Goals (SDGs)		
Goals	Targets	Indicators
	10.2	10.3.1
Status of the Statistical Cell		
Statistical Capacity Ranking	Low	
SDGs Coverage/Alignment	Not at all (0.00)	
Recommendations	▪ Statistical cell may be established. Currently, their data is not published. Appropriate data may be sent to BoS for publication. The role of religious affairs department is crucial in achieving SDGs.	
	▪ Sufficient finances for establishing data collection, processing and reporting facilities at the statistical cell.	
	▪ Awareness trainings should be provided on the SDGs along with training for statistical capacity development	

Table 4.16 Statistical Capacity of Minorities Department

Statistical Capacity: Minorities Department		
Major Functions	▪ Evaluates progress and development of Minorities ▪ Monitor working of the safeguards provided in the Constitution of Pakistan and in laws enacted by the Parliament ▪ Conducts inquiries and investigates into specific complaints regarding deprivation of rights and safeguards of the Minorities and takes up such matters with the appropriate authorities	
Statistical Cell	No	
Availability of HR in Statistical Cell	1 Director, 1 Senior Clerk, 3 Junior Clerk, 18 Assistants	
Number of HR	Data collector: NA Data analyst: 02 Data reporter: 02	
Type of Data	Secondary	
Means of primary data collection	By post	
Data interval	Regularly	
Proforma availability	Not available	
Data collection purpose	NA	
Data analyzed by department	Yes	
Departmental data availability	Departmental Office (Soft & Hard Copies)	
Use of data	1.Inter-provincial Department 2. Ministry of Religious Affairs 3. Information Technology	
Publication of data	Not published	
Data in Development Statistics	No	
Survey conducting capability	Not sure	
Availability of finances for	Data collection: No Data processing: No	
	Data reporting/publishing: No	
Awareness about SDGs (Level of Agreement)	Awareness about the SDGs	Strongly Agree
	Policy Support for the SDGs	Strongly Disagree
	Data alignment with the SDGs	Strongly Disagree
	Workshop/seminar attended	Strongly Disagree
	Received awareness material	Strongly Disagree
Need of Statistical Cell	1= Human Resource, 2 =Finance, 3= Trainings, 4= Technical capacity, 5= Logistics and communication, 6= Hardware and Software	
Trainings attended	Title: No	
Infrastructure Capacity	1 Main office, 3 Officers rooms	
Sufficient Furniture	No	
Communication Capacity	4 Telephone, 2 Internet connections,	
Technical Capacity	6 computers, 6 Printers, 1 Photostat machine	
Sufficient Stationery	No	
Availability of logistics for data collection	Vehicles: No, Private vehicles are used	
	Staff: NA	
Relevant Sustainable Development Goals (SDGs)		
Goal	Targets	Indicators
	10.3	10.3.1
Status of the Statistical Cell		
Statistical Capacity Ranking	Low	
SDGs coverage/Alignment	Not at all (0.00)	
Recommendations	▪ Statistical cell may be established. Currently, their data is not published. Appropriate data may be sent to the BoS for publication. The role of minorities is crucial in achieving the SDGs.	
	▪ Sufficient finances for establishing data collection, processing and reporting facilities at the statistical cell.	
	▪ Awareness trainings should be provided on the SDGs along with training for statistical capacity development	

Table 4.17 Statistical Capacity of Industries & Commerce Department

Statistical Capacity: Industries & Commerce Department		
Major Functions	▪ Provides a well-maintained atmosphere and availability for the development of industries in Balochistan Province. ▪ Development of industries rapid resource for developing and research for where is development is required and beneficial both economically and socially for department as well as Province.	
Statistical Cell	Yes (Statistical Wing)	
Availability of HR in Statistical Cell	1 Director,1 Deputy Director, 1 Assistant Director ,9 Assistant industrial development officer, 28 research officer, 2 Senior clerk, 2 Junior clerks.	
Number of HR and qualification	Data collector: NA Data analyst: NA Data reporter: NA	
Type of Data	Primary	
Means of primary data collection	By Survey	
Data interval	Regularly	
Proforma	Availability: Yes Designed by: Department /PBS Revised: Never	
Data collection purpose	1.Sent to BoS 2. Departmental Use 3.PBS And Specific purpose data	
Data analyzed by department	No	
Departmental data availability	Dept. office (Soft & Hard Copies)	
Publication of data	Yes	
Data in Development Statistics	Yes	
Survey conducting capability	Yes	
Availability of finances for	Data collection: Yes Data processing: No	
	Data reporting/publishing: No	
Awareness about SDGs (Level of Agreement)	Awareness about the SDGs	Strongly Agree
	Policy Support for the SDGs	Strongly Agree
	Data alignment with the SDGs	Agree
	Workshop/seminar attended	Agree
	Received awareness material	Agree
Ranked needs of Statistical Cell	1 Trainings, 2 Technical capacity, 3 Finances, 4 Logistics and communication, 5 Hardware and software ,6 Human resources.	
Trainings attended	No	
Infrastructure Capacity	1 Main office, 1 Data operator office, 3 Officers rooms	
Sufficient furniture	Yes	
Communication Capacity	Telephone, Fax, Internet connections, WhatsApp groups	
Technical Capacity	Desktop computers, Printers, Scanner, Photostat machine	
Sufficient Stationery	Yes	
Availability of logistics for data collection	Vehicles: No (Personal vehicles are used)	
	Staff: NA	
Relevant Sustainable Development Goals (SDGs)		
Goals	Targets	Indicators
	8.10, 8.a, 8.b, 9.1, 9.2, 9.3,9.5,9. b.1, 12.4	8.10.1, 8.10.2, 8.a.1, 8. b.1 9.2.1, 9.2.2, 9.3.1, 9.3.2, 9.5.1, 9.5.2, 9.b, 12.4.1,
Status of the Statistical Cell		
Statistical Capacity Ranking	High	
SDGs Coverage/Alignment	Somewhat 0.25 (indicator 9.2.1 fully reported and 9.2.2 partially reported)	
Recommendations	▪ Awareness trainings should be provided on the SDGs along with training for statistical capacity development	
	▪ Technical capacity is low. Updated IT equipment such as computers, and printers for data collections should be provided.	
	▪ Sufficient finances for arranging vehicles for data collection for the statistical cell should be provided.	

Table 4.18 Statistical Capacity of Provincial Transport Authority Balochistan

Statistical Capacity: Provincial Transport Authority Balochistan		
Major Functions	▪ To promote the availability of a wide range of high quality, efficient, cost effective and competitive telecommunication services ▪ To promote rapid modernisation of telecommunication systems and telecommunication services. ▪ To investigate and adjudicate on complaints and other claims made against licensees arising out of alleged contraventions	
Statistical Cell	No	
Availability of HR in Statistical Cell	1 Assistant (R&R),1 computer operator, 1 Data Analyst Officer, 1 Senior Clerk, 1 Junior Clerk	
Number of HR	Data collector: NA Data analyst: NA Data reporter: NA	
Type of Data	Primary	
Means of primary data collection	By Survey	
Data interval	Not Regularly	
Proforma availability	NA	
Data collection purpose	Departmental Use and Specific purpose data	
Data analyzed by department	Yes	
Departmental data availability	NA	
Mode of data	Hard Copies	
Publication of data	NA	
Data in Development Statistics	No	
Survey conducting capability	NA.	
Availability of finances for	Data collection: No Data processing: No	
	Data reporting/publishing: No	
Awareness about SDGs (Level of Agreement)	Awareness about the SDGs	Strongly Agree
	Policy Support for the SDGs	Strongly Disagree
	Data alignment with the SDGs	Strongly Disagree
	Workshop/seminar attended	Strongly Disagree
	Received awareness material	Strongly Disagree
Ranked needs of Statistical Cell	1.Trainings, 2 Technical capacities, 3 Finances, 4 Hardware and software, 5 Human Resources, 6 Logistics and communication.	
Trainings attended	No	
Infrastructure Capacity	1 Main office, 1 Data Operator office, 3 Officers rooms	
Sufficient furniture	Yes	
Communication Capacity	Telephone, Fax, Internet connections, WhatsApp groups	
Technical Capacity	Desktop computers, Printers, Scanner, Photostat machine	
Sufficient Stationery	Yes	
Availability of logistics for data collection	Vehicles: No, Personal vehicles are used.	
	Staff: NA	
Relevant Sustainable Development Goals (SDGs)		
Goals	Targets	Indicators
	11.2 17.8	11.2.1 17.8.1
Status of the Statistical Cell		
Statistical Capacity Ranking	Low	
SDGs Coverage/Alignment	Not at all (0.00)	
Recommendations	▪ Statistical cell may be established. Currently, their data is not published. Appropriate data may be sent to the BoS for publication.	
	▪ Sufficient finances for hiring HR for statistical cell is also needed.	
	▪ Awareness trainings should be provided on the SDGs along with training for statistical capacity development	

Table 4.19 Statistical Capacity of Culture Department

Statistical Capacity: Culture Department		
Major Functions	▪ Acquisition/ collection of important archival, cultural and educational resources from various department and district headquarters ▪ Management and reservation of archival record of the Government ▪ Preserved and managed record is offered for research, administration and planning purpose	
Statistical Cell (Title)	Yes (Planning and Development Cell)	
Availability of HR in Statistical Cell	1 Deputy Director,1 Computer Operator, 1 Senior Clerk, 1 Junior clerk, 1 Superintendent	
Number of HR and qualification	Data collector: 02 Data analyst: 01 Data reporter: 01	
Type of Data	Primary	
Means of primary data collection	By Interviews	
Data interval	Not Regularly	
Proforma availability	No	
Data collection purpose	Departmental Use and Specific Purpose data	
Data analyzed by department	Yes	
Departmental data availability	Departmental Office (Soft & Hard Copies)	
Publication of data	Not published	
Data in Development Statistics	No	
Survey conducting capability	No	
Availability of finances for	Data collection: No Data processing: No	
	Data reporting/publishing: Yes	
Awareness about SDGs (Level of Agreement)	Awareness about the SDGs	Strongly Agree
	Policy Support for the SDGs	Disagree
	Data alignment with the SDGs	Disagree
	Workshop/seminar attended	Disagree
	Received awareness material	Disagree
Ranked needs of Statistical Cell	1 Technical capacity, 2 Human resources, 3 Finances,4 Logistics and communication, 5 Hardware and software, 6 Trainings.	
Trainings attended	No	
Infrastructure Capacity	1 Main office, 5 Officers rooms ,1 Archive Room,	
Sufficient Furniture	Yes	
Communication Capacity	2 Telephone, 1 Internet connections	
Technical Capacity	2 computers, 1 Printer	
Sufficient Stationery	No	
Availability of logistics for data collection	Vehicles: No, Personal vehicle is used.	
	Staff: NA	
Relevant Sustainable Development Goals (SDGs)		
Goals	Targets	Indicators
	8.9 11.4 12.b	8.9.1,8.9.2 11.4.1 12.b.1
Status of the Statistical Cell		
Statistical Capacity Ranking	Medium	
SDGs Coverage/Alignment	Not at all (0.00)	
Recommendations	▪ Statistical cell may be established. Currently, their data is not published. Appropriate data may be sent to the BoS for publication.	
	▪ Sufficient finances for hiring HR for statistical cell is also needed. Sufficient stationary is needed.	
	▪ Awareness trainings should be provided on the SDGs along with training for statistical capacity development	

Table 4.20 Statistical Capacity of Higher/Technical Education Department

Statistical Capacity: Higher/Technical Education Department		
Major Functions	▪ Planning for enhancing access to absorb the increasing number of students willing to continue Higher and Technical Education ▪ Evaluation and monitoring the functioning and performance of the institutions under the jurisdiction. ▪ Management and organisation of male and female private and public colleges in Balochistan	
Statistical Cell (Title)	Yes, (Education Management Information System)	
Availability of HR in Statistical Cell	1 Additional Director,1 Research Officer,1 Computer Operator,1 Computer Programmer,1 Database Administrator, 1 System Data Analyst, 1 Senior Clerk, 1 Junior Clerk, 1 Superintendent,1 Assistant	
Number of HR	Data collector: 02 Data analyst: 02 Data reporter: 02	
Type of Data	Primary and Secondary	
Means of primary data collection	Primary data from concerned colleges through WhatsApp	
Data interval	Each year Regularly	
Proforma	Availability: Yes Designed by: Department Revised: Yearly	
Data collection purpose	Others (for EMIS updating) and Department Use	
Data analyzed by department	Yes	
Departmental data availability	Departmental Office (Hard Copies)	
Publication of data	Not published	
Data in Development Statistics	Yes	
Survey conducting capability	No	
Availability of finances for	Data collection: No Data processing: No	
	Data reporting/publishing: No	
Awareness about SDGs (Level of Agreement)	Awareness about the SDGs	Strongly Agree
	Policy Support for the SDGs	Agree
	Data alignment with the SDGs	Strongly Disagree
	Workshop/seminar attended	Strongly Disagree
	Received awareness material	Strongly Disagree
Ranked needs of Statistical Cell	1 Finances, 2 Hardware and Software, 3 Trainings ,4 Technical Capacity, 5 Human resources, 6 Logistics and Communication.	
Trainings attended	NA	
Infrastructure Capacity	1 Main office, 3 Officers rooms ,1 Meeting room,	
Sufficient furniture	No	
Communication Capacity	1 Telephone, 1 WhatsApp group,	
Technical Capacity	7 computers, 7 Printer,4 Photostat Machine	
Sufficient Stationery	Yes	
Availability of logistics for data collection	Vehicles: No (Personal vehicle is used)	
	Staff: Yes	
Relevant Sustainable Development Goals (SDGs)		
Goals	Targets	Indicators
	4.3,4.4,4.5,4.6,4.7,4.b, 12.8	4.3.1,4.4.1,4.5.1,4.6.1,4.7.1,4.b.1, 12.8.1
Status of the Statistical Cell		
Statistical Capacity Ranking	High	
SDGs Coverage/Alignment	Not at all (0.00) (indicators like 4.1.1,4.c.1 are reported, rest is institutional data)	
Recommendations	▪ EMIS may be revamped and strengthened for reporting of more SDGs indicators.	
	▪ Technical tools should be provided to the staff for processing and analysing data, there is need for Computers, Laptops and Photostat Machines.	
	▪ Awareness trainings should be provided on the SDGs along with training for statistical capacity development	

Table 4.21 Statistical Capacity of Population Welfare Department

Statistical Capacity: Population Welfare Department		
Major Functions	▪ The country's social and economic development through rational choices about family size and reproductive behaviour. ▪ Consistently improve and enrich lives of individuals, families and communities in accordance with reproductive Health programme.	
Statistical Cell	Yes (Planning and Evaluation)	
Availability of HR in Statistical Cell	1 Statistical Investigator officer,1 Statistical Officer, Statistical Assistant, 1 Senior Clerk, 1 Junior Clerk	
Number of HR	Data collector: At every district Clerk	
	Data analyst: At every district Data reporter: 03	
Type of Data	Primary and Secondary	
Means of primary data collection	Departmental staff	
Data interval	Regularly (Every month)	
Proforma	Availability: Yes Designed by: Department Revised: Yearly	
Data collection purpose	Department Use and Performance indicator and Specific purpose data	
Data analyzed by department	Yes	
Departmental data availability	Department Office and Website (Hard and Soft)	
Publication of data	Not published by department but available in PDHS and NIPS	
Data in Development Statistics	Yes	
Survey conducting capability	No	
Availability of finances for	Data collection: No Data processing: Yes	
	Data reporting/publishing: No	
Awareness about SDGs (Level of Agreement)	Awareness about the SDGs	Strongly Agree
	Policy Support for the SDGs	Disagree
	Data alignment with the SDGs	Agree
	Workshop/seminar attended	Disagree
	Received awareness material	Agree
Ranked needs of Statistical Cell	1 Human resources, 2 Finances, 3 Trainings, 4 Technical Capacity, 5 Hardware and Software, 6 Logistics and Communication.	
Trainings attended	Title: Computer Skill and CLMIS Year: Yearly	
	Attendees: NA	
Infrastructure Capacity	1 Main office,1 data operator office, 4 Officers rooms	
Sufficient furniture	Yes	
Communication Capacity	1 Telephone, 1 WhatsApp group	
Technical Capacity	2 Computers, 2 Printer	
Sufficient Stationery	Yes	
Availability of logistics for data collection	Vehicles: No (Private vehicles are used)	
	Staff: Yes	
Relevant Sustainable Development Goals (SDGs)		
Goals	Targets	Indicators
	1.1,1.2,1.3,1.4,1.a,1.b, 6.1, 8.6,8.7, 10.2, 16.2,16.3	1.1.1,1.2.1,1.2.2,1.3.1,1.4.1, 1.a.1,1.a.2,1.b.1, 6.1.1, 8.6.1,8.7.1, 10.2.1,10.3.1, 16.2.3,16.3.1
Status of the Statistical Cell		
Statistical Capacity Ranking	Medium	
SDGs Coverage/Alignment	Somewhat (0.25) (reporting other indicators likewise 5.3.1,4.1.1,8.5.2.8.6.1,3.1.2)	
Recommendations	▪ Technical tools should be provided to the staff for processing and analysing data, there is need for Computers, Laptops and Photostat Machines.	
	▪ Awareness trainings should be provided on the SDGs along with training for statistical capacity development	

Table 4.22 Statistical Capacity of Labour and Manpower Department

Statistical Capacity: Labour and Manpower Department		
Major Functions	▪ Implementation of labour laws ▪ Registration of trade unions ▪ Registration of industrial unions ▪ Chief inspector of factories	
Statistical Cell	No (Each section has own data management unit)	
Availability of HR in Statistical Cell	1 Computer Operator,1 Senior Clerk, 1 Junior Clerk, Assistant	
Number of HR	Data collector: 02 Data analyst: 02 Data reporter: 02	
Type of Data	Yes (Primary)	
Means of primary data collection	By Departmental staff	
Data interval	Not Regular	
Proforma availability	No	
Data collection purpose	Departmental Use and Specific purpose data	
Data analyzed by department	Yes	
Departmental data availability	Departmental Office (Hard Copies)	
Publication of data	No	
Data in Development Statistics	No	
Survey conducting capability	No	
Availability of finances for	Data collection: No Data processing: No	
	Data reporting/publishing: No	
Awareness about SDGs (Level of Agreement)	Awareness about the SDGs	Strongly Disagree
	Policy Support for the SDGs	Strongly Disagree
	Data alignment with the SDGs	Strongly Disagree
	Workshop/seminar attended	Strongly Disagree
	Received awareness material	Strongly Disagree
Ranked needs of Statistical Cell	1 Human resources, 2 Finances, 3 Hardware and software,4 Trainings,5 Logistics and Communication,6 Technical Capacity	
Trainings attended	Ne	
Infrastructure Capacity	1 Main office, 5 Officers rooms	
Sufficient furniture	No	
Communication Capacity	4 Telephone, 1 Internet connection	
Technical Capacity	4 computers, 1 Printer ,1 Photostat Machine	
Sufficient Stationery	Yes	
Availability of logistics for data collection	Vehicles: No (Private vehicle is used)	
	Staff: No	
Relevant Sustainable Development Goals (SDGs)		
Goals	Targets	Indicators
	8.3,8.5,8.8,8.b	8.3.1,8.5.1,8.8.1,8.8.2,8.b.1
Status of the Statistical Cell		
Statistical Capacity Ranking	Medium	
SDGs Coverage/Alignment	Not at all (0.00) (indicator 8.7.1 reported rest institutional data)	
Recommendations	▪ Statistical cell may be established. Currently, their data is not published. Appropriate data may be sent to the BoS for publication. HR for the cell may be hired.	
	▪ Technical tools should be provided to the staff for the processing and analyzing of data, there is need for Computers, Laptops and Photostat Machines.	
	▪ Sufficient finances for establishing data collection, processing and reporting facilities at the statistical cell.	
	▪ Awareness trainings should be provided on the SDGs along with training for statistical capacity development	

Table 4.23 Statistical Capacity of Local Govt./Rural Development Department

Statistical Capacity: Local Govt./Rural Development Department		
Major Functions	▪ Administrative support/HRM/HRD to local councils (Metropolitan Corporation, municipal committees, district councils and union councils). ▪ Fiscal support to local councils through local councils grants committee. ▪ Monitoring of the local councils.	
Statistical Cell (Title)	No, (Data is managed section wise)	
Availability of HR in Statistical Cell	Director Technical, Research Officer, Computer Operator	
Number of HR	Data collector: District, tehsil Data analyst: District, tehsil	
	Data reporter: District, tehsil	
Type of Data	Primary	
Means of primary data collection	Email, and WhatsApp	
Data interval	Regular, Not Regular	
Proforma availability	NA	
Data collection purpose	Department Use and sent to the BoS and Specific purpose data	
Data analyzed by department	Yes	
Departmental data availability	Departmental office and Website (Soft and Hard Copies)	
Publication of data	Not Published	
Data in Development Statistics	Yes	
Survey conducting capability	Yes	
Availability of finances for	Data collection: Yes Data processing: No	
	Data reporting/publishing: No	
Awareness about SDGs (Level of Agreement)	Awareness about the SDGs	Disagree
	Policy Support for the SDGs	Disagree
	Data alignment with the SDGs	Disagree
	Workshop/seminar attended	Strongly Disagree
	Received awareness material	Agree
Ranked needs of Statistical Cell	1 Human resources, 2 Technical Capacity, 3 Trainings, 4 Logistics and Communication, 5 Hardware and software, 6 Finances.	
Trainings attended	Title: Rural Academy Year: NA Attendees: NA	
Infrastructure Capacity	1 Main office, 1 Data Operator Office, 7 Officers Rooms, 1 meeting room	
Sufficient furniture	Yes	
Communication Capacity	12 Telephone,1 Fax, 4 Internet connections, 1 WhatsApp group, Hard copies and email	
Technical Capacity	11 computers, laptop, 7 Printers, scanner, 1 Photostat machine	
Sufficient Stationery	Yes	
Logistic availability for data collection	Vehicles: Yes, Government Vehicles Staff: Yes	
Relevant Sustainable Development Goals (SDGs)		
Goal	Targets	Indicators
	3.8, 3.b 4.3, 4.a 6.b, 11.1,11.6, 11. b	3.8.1, 3.b.3 4.3.1, 4.a.1 6.b.1 11.1.1, 11.6.1, 11. b.1
Status of the Statistical Cell		
Statistical Capacity Ranking	Low	
SDGs Coverage/Alignment	Not at all (0.00)	
Recommendations	▪ Statistical cell may be established. HR for the cell may be hired.	
	▪ Technical tools should be provided to the staff for processing and analysing data, there is need for Computers, Laptops and Photostat Machines.	
	▪ Sufficient finances for establishing data collection, processing and reporting facilities at the statistical cell.	
	▪ Awareness trainings should be provided on the SDGs along with training for statistical capacity development	

Table 4.24 Statistical Capacity of Sui Southern Gas Company

Statistical Capacity: Sui Southern Gas Company		
Major Functions	▪ Engaged in the business of transmission and distribution of natural gas besides installation of high-pressure transmission and low-pressure distribution system	
Statistical Cell	Yes (Planning & Development Department)	
Availability of HR in Statistical Cell	1 Deputy Chief Engineer, 1 Deputy Manager, 1 Trainee Engineer, 1 Management Trainee,2 Senior Draftsman,2 Surveyor, Officer, 1 Senior Clerk. 1 Superintendent, 4 Helper	
Number of HR and qualification	Data collector: 01 Data analyst: 01 Data reporter: 01	
Type of Data	Primary and secondary data	
Means of primary data collection	By Departmental staff	
Data interval	Each year Regularly	
Proforma availability	No	
Data collection purpose	Department Use and Sent to the BoS and Performance indicator	
Data analyzed by department	Yes	
Departmental data availability	Website (Hard and Soft Copies)	
Publication of data	Flame (Magazine)	
Data in Development Statistics	Yes	
Survey conducting capability	Yes	
Availability of finances for	Data collection: Yes Data processing: Yes	
	Data reporting/publishing: Yes	
Awareness about SDGs (Level of Agreement)	Awareness about the SDGs	Disagree
	Policy Support for the SDGs	Disagree
	Data alignment with the SDGs	Strongly Disagree
	Workshop/seminar attended	Strongly Disagree
	Received awareness material	Strongly Disagree
Ranked needs of Statistical Cell	1 Trainings, 2 Logistics and Communication, 3 Hardware and software, 4 Finances, 5 Human resources,6 Technical Capacity.	
Trainings attended	Title: Training at Karachi for survey learning	
	Year: NA Name of employees: NA	
Infrastructure Capacity	1 Main office,2 Data Operator office, 4 Officers rooms	
Sufficient furniture	Yes	
Communication Capacity	1 Telephone	
Technical Capacity	6 Computers, 4 Printers, 2 Scanners, 1 Photostat machine.	
Sufficient Stationery	Yes	
Availability of logistics for data collection	Vehicles: Yes, Government Vehicle is available	
	Staff: Yes	
Relevant Sustainable Development Goals (SDGs)		
Goals	Targets	Indicators
	1.4 12.c	1.4.1 12.c.1
Status of the Statistical Cell		
Statistical Capacity Ranking	Low	
SDGs Coverage/Alignment	Not at all (0.00)	
Recommendations	▪ Awareness trainings should be provided on the SDGs along with training for statistical and technical capacity development	

Table 4.25 Statistical Capacity of Forest Department

Statistical Capacity: Forest Department		
Major Functions	▪ Preparation and implementation of forest and range management plans, on modern ecosystem approaches, to ensure sustainable management of natural resources. ▪ Stopping encroachments and halting transfer of forest land for all forms of non-forestry uses and bring new lands under forests to increase total forest area	
Statistical Cell	Yes (P&D Department)	
Availability of HR in Statistical Cell	2 Computer Operators	
Number of HR	Data collector: NA Data analyst: 02 Data reporter: NA	
Type of Data	No	
Means of primary data collection	Email and WhatsApp	
Data interval	Each year Regularly	
Proforma	Availability: Yes Designed by: Department Revised: Rarely	
Data collection purpose	Department Use, Sent to the BoS and Pakistan Bureau of Statistics, Pakistan Forest Institute (Forestry Statistical Data of Pakistan) and Specific purpose data	
Data analyzed by department	No	
Departmental data availability	Department office (Hard Copies)	
Publication of data	Not published	
Data in Development Statistics	Yes	
Survey conducting capability	Yes	
Availability of finances for	Data collection: No Data processing: Yes	
	Data reporting/publishing: Yes	
Awareness about SDGs (Level of Agreement)	Awareness about the SDGs	Strongly Agree
	Policy Support for the SDGs	Strongly Disagree
	Data alignment with the SDGs	Agree
	Workshop/seminar attended	Strongly Agree
	Received awareness material	Disagree
Ranked needs of Statistical Cell	1 Technical Capacity,2 Trainings, 3 Human resources, 4 Hardware and software, 5 Finances, 6 Logistics and Communication.	
Trainings attended	Title: Compute, PDMA, Departmental Public Finance Management	
	Year: 2016 Attendees: DCF	
Infrastructure Capacity	1 Main office,3 Officers Rooms	
Sufficient furniture	Yes	
Communication Capacity	1 Fax, 1 WhatsApp group	
Technical Capacity	2 Computers, 2 Printer	
Sufficient Stationery	Yes	
Logistic availability for data collection	Vehicles: Ye, Government vehicle Staff: Yes	
Relevant Sustainable Development Goals (SDGs)		
Goals	Targets	Indicators
	2.3,2.5, 15.1,15.2,15.3,15.4,15.5	2.3.1,2.5.1,2.5.2, 15.1.1,15.1.2,15.2.1,15.3.1, 15.4.1,15.4.2,15.5.1
Status of the Statistical Cell		
Statistical Capacity Ranking	Medium	
SDGs Coverage/Alignment	Somewhat (0.25)	
Recommendations	▪ Statistical cell is available but highly deficient in HR, thus relevant HR for the cell may be hired.	
	▪ Technical tools should be provided to the staff for processing and analysing data, there is need for Computers, Laptops and Photostat Machines.	
	▪ Sufficient finances for establishing data collection, processing and reporting facilities at the statistical cell.	
	▪ Awareness trainings should be provided on the SDGs along with training for statistical capacity development	

Table 4.26 Statistical Capacity of Environmental Protection Agency (EPA)

Statistical Capacity: Environmental Protection Agency (EPA)		
Major Functions	▪ Responsible for implementation national and provincial laws, and improving the protection of the environmental and natural resources of Balochistan. ▪ Approve the environmental quality standards ▪ Provide guidelines for the protection and conservation of species, habitats, and biodiversity in general, and for the conservation of renewable and non-renewable resources.	
Statistical Cell (Title)	No, (Record Section)	
Availability of HR in Statistical Cell	1 Section In charge, Director Technology, Director EIA, Director Enforcement operation, Research Assistant, Statistical Investigator Officer,1 Statistical Officer, 1 Data Analyst.	
Number of HR	Data collector: Directors Data analyst: NA Data reporter: NA	
Type of Data and Interval	Primary and Not Regular	
Means of primary data collection	Through WhatsApp	
Proforma	Availability: Yes Designed by: Department Revised: Rarely	
Data collection purpose	Department Use and Performance indicator	
Data analyzed by department	Yes	
Departmental data availability	Department Office (Soft and Hard Copies)	
Publication of data	Not published	
Data in Development Statistics	No	
Survey conducting capability	Yes	
Availability of finances for	Data collection: Yes Data processing: NA	
	Data reporting/publishing: NA	
Awareness about SDGs (Level of Agreement)	Awareness about the SDGs	Agree
	Policy Support for the SDGs	Disagree
	Data alignment with the SDGs	Agree
	Workshop/seminar attended	Agree
	Received awareness material	Strongly Agree
Ranked needs of Statistical Cell	1 Human resources, 2 Trainings, 3 Technical Capacity, 4 Hardware and software, 5 Logistics and Communication,6 Finances.	
Trainings attended	No	
Infrastructure Capacity	1 Main office, Officers rooms	
Sufficient furniture	Yes	
Communication Capacity	1 Telephone, 1 WhatsApp group	
Technical Capacity	computers, Printer, Photostat Machine	
Sufficient Stationery	Yes	
Logistic availability for data collection	Vehicles: Yes, Government vehicle Staff: Yes	
Relevant Sustainable Development Goals (SDGs)		
Goals	Targets	Indicators
	3.9 9.4 11.6 12.4,12.8 15.1	3.9.1 9.4.1 11.6.2 12.4.1,12.4.2,12.8.1 15.1.
Status of the Statistical Cell		
Statistical Capacity Ranking	Low	
SDGs Coverage/Alignment	Not at all (0.00)	
Recommendations	▪ Statistical cell may be established. HR for the cell may be hired.	
	▪ Technical tools should be provided to the staff for processing and analysing data, there is need for Computers, Laptops and Photostat Machines.	
	▪ Sufficient finances for establishing data collection, processing and reporting facilities at the statistical cell.	
	▪ Awareness trainings should be provided on the SDGs along with training for statistical capacity development	

Table 4.27 Statistical Capacity of Livestock Department

Statistical Capacity: Livestock Department		
Major Functions	▪ Conservation of indigenous pure breeds. ▪ Identification of quality stock on performance basis. ▪ Technical training of superior germ plasm and its dissemination. ▪ Involvement of new breeds.	
Statistical Cell	Yes (Planning & Development Cell)	
Availability of HR in Statistical Cell	1 Director, 2 Senior Vet. Officers,2 VOs,2 Assistant computer operators,2 Computer programmers, 1 Statistical Investigator,1 Senior Clerk, 1 Junior Clerk ,1Suprintendent, 1 Assistant.	
Number of HR	Data collector: 1. Annual inventory 2. Field Staff: at District/Tehsil level	
	Data analyst: Director + Senior Veterinary Officers	
	Data reporter: Director + Senior Veterinary Officers	
Type of Data	Primary	
Means of primary data collection	By Departmental staff, By survey	
Data interval	Not Regular	
Proforma	Availability: Yes Designed by: Department Revised: Rarely	
Data collection purpose	Sent to BoS, Department Use and Specific purpose data	
Data analyzed by department	Yes	
Departmental data availability	Departmental office (Hard Copies)	
Publication of data	Not published	
Data in Development Statistics	Yes	
Survey conducting capability	Yes	
Availability of finances for	Data collection: No Data processing: No	
	Data publishing: Yes	
Awareness about SDGs (Level of Agreement)	Awareness about the SDGs	Disagree
	Policy Support for the SDGs	Strongly Disagree
	Data alignment with the SDGs	Agree
	Workshop/seminar attended	Strongly Disagree
	Received awareness material	Strongly Disagree
Ranked needs of Statistical Cell	1 Finances, 2 Human Resources, 3 Technical Capacity,4 Trainings, 5 Logistics and Communication,6 Hardware and software.	
Trainings attended	Title: Animal Health Year: NA	
	Attendees: General Department and P&D Cell	
Infrastructure Capacity	1 Main office, 4 Officers rooms ,1 Meeting Room	
Sufficient Furniture	Yes	
Communication Capacity	Telephone, Fax, Internet connection, WhatsApp group and Email	
Technical Capacity	3 computers, 3 Printer ,1 Scanner, 1 Photostat machine	
Sufficient Stationery	Yes	
Availability of logistics for data collection	Vehicles: No, Personal vehicles are used	
	Staff: Yes	
Relevant Sustainable Development Goals (SDGs)		
Goal,	Targets	Indicators
	2.1,2.3,2.5	2.1.2,2.3.1,2.5.2
Status of the Statistical Cell		
Statistical Capacity Ranking	High	
SDGs Coverage/Alignment	Not at all (0.00)	
Recommendations	▪ Sufficient finances for establishing data collection, processing and reporting facilities at the statistical cell.	
	▪ Awareness trainings should be provided on the SDGs along with training for statistical capacity development	
	▪ The bio-technology related data should be collected.	

Table 4.28 Statistical Capacity of Urban Planning/Development Department

Statistical Capacity: Urban Planning/Development Department		
Major Functions	▪ Preparing the national plan, and review and evaluating its implementation ▪ Formulating annual plan and ADP ▪ Stimulating preparation of sound projects in regions and sectors lacking an adequate portfolio ▪ Organising research and analytical studies for economic decision-making.	
Statistical Cell	Yes, (Planning and Evaluation)	
Availability of HR in Statistical Cell	1 Statistical Investigator officer,1Statistical Officer, Statistical Assistant, 1 Senior Clerk, 1 Junior Clerk	
Number of HR	Data collector: At every District (Clerk)	
	Data analyst: At every district Data reporter: 03 person	
Type of Data	Primary	
Means of primary data collection	Departmental staff	
Data interval	Regularly (Every month)	
Proforma	Availability: Yes Designed by: Department Revised: Rarely	
Data collection purpose	Department Use and Performance indicator and specific purpose data	
Data analyzed by department	Yes	
Departmental data availability	Departmental office and Website (Hard and Soft Copies)	
Publication of data	Not published	
Data in Development Statistics	Yes	
Survey conducting capability	No	
Availability of finances for	Data collection: No Data processing: Yes	
	Data reporting/publishing: No	
Awareness about SDGs (Level of Agreement)	Awareness about the SDGs	Strongly Agree
	Policy Support for the SDGs	Disagree
	Data alignment with the SDGs	Agree
	Workshop/seminar attended	Disagree
	Received awareness material	Agree
Ranked needs of Statistical Cell	1 Human resources, 2 Finances, 3 Trainings, 4 Technical Capacity, 5 Hardware and software, 6 Logistics and Communication.	
Trainings attended	Title: Computer Skill+ CLMIS	
	Year: Yearly Attendees: NA	
Infrastructure Capacity	1 Main office,1 data operator office, 4 Officers rooms	
Sufficient furniture	Yes	
Communication Capacity	1 Telephone, 1 WhatsApp group	
Technical Capacity	2 Computers, 2 Printer	
Sufficient Stationery	Yes	
Availability of logistics for data collection	Vehicles: No Private vehicle is used	
	Staff: Yes	
Relevant Sustainable Development Goals (SDGs)		
Goals	Targets	Indicators
	1.4, 11.1,11.3,11.7,11.a,11.c	1.4.1,1.4.2, 11.1.1,11.3.1,11.3.2,11.7.1, 11.a.1,11.c.1
Status of the Statistical Cell		
Statistical Capacity Ranking	High	
SDGs Coverage/Alignment	Not at all (0.00)	
Recommendations	▪ Technical tools should be provided to the staff for the processing and analyzing of data, there is need for Computers, Laptops and Photostat Machines.	
	▪ Sufficient space should be arranged for data processing and reporting at the statistical cell.	
	▪ Awareness trainings should be provided on the SDGs along with training for statistical capacity development	

Table 4.29 Statistical Capacity of Women Development Department

Statistical Capacity: Women Development Department		
Major Functions	▪ Economic, Social and political empowerment of Women of Balochistan ▪ To protect women from evil practices like honor killing *Vani*, acid throwing etc. ▪ To ensure equal participation of women of Balochistan in jobs, access to resources, right in decision making	
Statistical Cell	No (Digital Library)	
Availability of HR in Statistical Cell	1 Assistant Director, Computer operator, Senior Clerk, 1 Junior Clerk, Superintendent, Assistants	
Number of HR	Data collector: NA Data analyst: NA Data reporter: 04	
Type of Data	Secondary	
Means of primary data collection	NA	
Data interval	NA	
Proforma availability	No	
Data collection purpose	NA	
Data analyzed by department	No	
Departmental data availability	Departmental Office	
Publication of data	NA	
Data in Development Statistics	No	
Survey conducting capability	No	
Availability of finances for	Data collection: No Data processing: No	
	Data reporting/publishing: No	
Awareness about SDGs (Level of Agreement)	Awareness about the SDGs	Agree
	Policy Support for the SDGs	Strongly Disagree
	Data alignment with the SDGs	Strongly Agree
	Workshop/seminar attended	Strongly Agree
	Received awareness material	Strongly Agree
Ranked needs of Statistical Cell	1 Human resources, 2 Finances, 3 Trainings, 4 Hardware and software, 5 Logistics and Communication,6 Technical Capacity.	
Trainings attended	Title: Computer Skill and CLMIS	
	Year: Yearly Attendees: NA	
Infrastructure Capacity	Not enough	
Sufficient furniture	Yes	
Communication Capacity	Telephone, Fax, Internet connection	
Technical Capacity	Computers, Printer, Photostat Machine	
Sufficient Stationery	Yes	
Availability of logistics for data collection	Vehicles: No (Not applicable)	
	Staff: Yes	
Relevant Sustainable Development Goals (SDGs)		
Goals	Targets	Indicators
	Goal 5 can over all be covered, 1.b 11.7 16.2	1.b.1 11.7.2 16.2.3
Status of the Statistical Cell		
Statistical Capacity Ranking	High	
SDGs Coverage/Alignment	Not at all (0.00)	
Recommendations	▪ Statical cell needs to be established with relevant HR and appreciate space.	
	▪ Technical tools should be provided to the staff for processing and analysing data.	
	▪ Sufficient finances for establishing data collection, processing and reporting facilities at the statistical cell.	
	▪ Awareness trainings should be provided on the SDGs along with training for statistical capacity development	

Table 4.30 Statistical Capacity of Sports Department

Statistical Capacity: Sports Department		
Major Functions	▪ It deals with Sports wing of the department ▪ Director heads the sports wing of the department ▪ Managing Balochistan Sports Board and Ayub Stadium Complex	
Statistical Cell	No, but data is recoded	
Availability of HR in Statistical Cell	Director, Assistant Director, Computer Operator, Assistant Computer operator, Computer Programmer, Senior Clerk, Junior Clerk.	
Number of HR	Data collector: 04 Data analyst: 04 Data reporter: 04	
Type of Data	Primary	
Means of primary data collection	WhatsApp and Departmental staff	
Data interval	Not Regular	
Proforma	Availability: Yes Designed by: Department Revised: Rarely	
Data collection purpose	Department Use and Specific purpose data	
Data analyzed by department	Yes	
Departmental data availability	Departmental Office (Hard Copies)	
Publication of data	Published	
Data in Development Statistics	No	
Survey conducting capability	Yes	
Availability of finances for	Data collection: No Data processing: No	
	Data reporting/publishing: No	
Awareness about SDGs (Level of Agreement)	Awareness about the SDGs	Agree
	Policy Support for the SDGs	Agree
	Data alignment with the SDGs	Agree
	Workshop/seminar attended	Agree
	Received awareness material	Agree
Ranked needs of Statistical Cell	1 Human resources, 2 Technical Capacity, 3 Trainings,4 Logistics and Communication, 5 Hardware and software, 6 Finances.	
Trainings attended	NA	
Infrastructure Capacity	2 Main office,2 Officers rooms, 1 Meeting room	
Sufficient Furniture	No	
Communication Capacity	3 Telephone, Internet connection, WhatsApp group	
Technical Capacity	6 computers, 8 Tablets, 5 Laptops, 6 Printers 1 Photostat machine	
Sufficient Stationery	No	
Availability of logistics for data collection	Vehicles: Yes (Government vehicle is available)	
	Staff: No	
Relevant Sustainable Development Goals (SDGs)		
Goals	Targets	Indicators
	12. b	12.b.1
Status of the Statistical Cell		
Statistical Capacity Ranking	Low	
SDGs Coverage/Alignment	Not at all (0.00)	
Recommendations	▪ Statical cell needs to be established with relevant HR and appreciate space.	
	▪ Technical tools should be provided to the staff for processing and analysing data.	
	▪ Sufficient finances for establishing data collection, processing and reporting facilities at the statistical cell.	
	▪ Awareness trainings should be provided on the SDGs along with training for statistical capacity development	

Table 4.31 Statistical Capacity of Communication & Works Department

Statistical Capacity: Communication & Works Department		
Major Functions	▪ Connectivity / accessibility particularly to the remote and isolated areas improved, benefiting rural population economically, socially etc. ▪ Minimising vehicles operation costs but also reducing the import bills significantly in respect of import of POL, spare parts etc. ▪ Mitigating the suffering of the masses through provision of all-weather communication facility	
Statistical Cell	Yes, (Planning and Design Cell)	
Availability of HR in Statistical Cell	Director, Deputy Director, Executive Engineer, Assistant Director, SDO, Assistant Computer Operator, Computer operator, Computer Programmer, Junior Clerk, Superintendent, Assistant.	
Number of HR	Data collector: At Division and District Level	
	Data reporter: Planning and Design Cell Data analyst: NA	
Type of Data	Primary	
Means of primary data collection	Through Email, WhatsApp, By Departmental staff	
Data interval	Not Regular (Quarterly)	
Proforma	Availability: Yes Designed by: Planning and Design Cell Revised: Rarely	
Data collection purpose	Department Use, Chief Minister Office, P&DD and Specific purpose data	
Data analyzed by department	No	
Departmental data availability	Departmental Office (Soft and Hard copies)	
Publication of data	Not Published	
Data in Development Statistics	Yes	
Survey conducting capability	Not sure	
Availability of finances for	Data collection: No Data processing: No	
	Data reporting/publishing: NA	
Awareness about SDGs (Level of Agreement)	Awareness about the SDGs	Agree
	Policy Support for the SDGs	Disagree
	Data alignment with the SDGs	Agree
	Workshop/seminar attended	Strongly Disagree
	Received awareness material	Disagree
Ranked needs of Statistical Cell	1 Technical Capacity, 2 Trainings, 3 Finances, 4 Hardware and Software,5 Logistics and Communication, 6Human resources.	
Trainings attended	NA	
Infrastructure Capacity	1 Main office, 1 Data Operator room, 1 Officers room	
Sufficient furniture	No	
Communication Capacity	2 Telephone, Internet connection and WhatsApp group	
Technical Capacity	2 Computers, 2 Printers, 1 Photostat machine	
Sufficient Stationery	No	
Availability of logistics for data collection	Vehicles: Yes	
	Staff: Yes	
Relevant Sustainable Development Goals (SDGs)		
Goals	Targets	Indicators
	1.4, 9.1, 9. a, 9.c 11.2, 11.c	1.4.1, 1.4.2, 9.1.1, 9.1.2, 9. a.1, 9.c.1 , 11.2.1, 11.c.1,
Status of the Statistical Cell		
Statistical Capacity Ranking	Medium	
SDGs Coverage/Alignment	Not at all (0.00)	
Recommendations	▪ Awareness trainings should be provided on the SDGs along with training for statistical capacity development	
	▪ Technical tools with skilled HR should be provided to P& D Cell for processing and analysing data.	

Table 4.32 Statistical Capacity of Planning and Development Department

Statistical Capacity: Planning and Development Department		
Major Functions	▪ Preparing the development plans, and review and evaluating its implementation ▪ Formulating annual plan and ADP ▪ Stimulating preparation of sound projects in regions and sectors lacking an adequate portfolio ▪ Organising research and analytical studies for economic decision-making.	
Statistical Cell	Yes, (Chief Planning & Monitoring)	
Availability of HR in Statistical Cell	Deputy Director	
Number of HR	Data collector: Chief of Sections	
	Data analyst: Chief of Sections	
	Data reporter: Chief of Sections	
Type of Data	Primary and Secondary	
Means of primary data collection	Email, WhatsApp, and Departmental staff	
Data interval	Not Regular (Quarterly)	
Proforma	Availability: Yes Designed by: P&DD Revised: Rarely	
Data collection purpose	Specific purpose data	
Data analyzed by department	No	
Departmental data availability	Departmental Office, Website (Soft and Hard Copies)	
Use of data	Decision Making, Department Use and Chief Minister Office	
Publication of data	Data not published by department	
Data in Development Statistics	Yes	
Survey conducting capability	Yes	
Availability of finances for	Data collection: Yes Data processing: Yes	
	Data reporting/publishing: Yes	
Awareness about SDGs (Level of Agreement)	Awareness about the SDGs	Agree
	Policy Support for the SDGs	Disagree
	Data alignment with the SDGs	Agree
	Workshop/seminar attended	Strongly Disagree
	Received awareness material	Agree
Ranked needs of Statistical Cell	1 Technical Capacity, 2 Trainings, 3 Finances, 4 Hardware and software,5 Logistics and Communication, 6 Human resources.	
Trainings attended	NA	
Infrastructure Capacity	Chief of Sections Offices	
Sufficient Furniture	No	
Communication Capacity	Telephone, Internet connection, WhatsApp group	
Technical Capacity	Computers, Printers and Photostat machine	
Sufficient Stationery	No	
Availability of logistics for data collection	Vehicles: Yes	
	Staff: Yes	
Relevant Sustainable Development Goals (SDGs)		
Goals	Targets	Indicators
	1.4, 9.1, 9. a, 9.c 11.2, 11.c	1.4.1, 1.4.2, 9.1.1, 9.1.2, 9. a.1, 9. c.1 , 11.2.1, 11.c.1,
Status of the Statistical Cell		
Statistical Capacity Ranking	Medium	
SDGs Coverage/Alignment	Somewhat (0.25)	
Recommendations	▪ Awareness trainings should be provided on the SDGs.	

Table 4.33 Statistical Capacity of Public Health Engineering (PHE) Department

Statistical Capacity: Public Health Engineering (PHE) Department		
Major Functions	▪ Construction and maintenance of Public Health Drinking Water Scheme. ▪ Water Tariff Collection in consultation with Finance Department. ▪ Issuance of Notification for water Rates.	
Statistical Cell (Title)	No, (Management Information System (MIS)	
Availability of HR in Statistical Cell	Deputy Director, Assistant Director, Computer Programmer, System Analyst.	
Number of HR	Data collector: NA Data analyst: 01 Data reporter: NA	
Type of Data	Primary	
Means of primary data collection	Through Email, WhatsApp and Departmental staff	
Data interval	Not Regular	
Proforma	Availability: Yes Designed by: Departments Revised: Rarely	
Data collection purpose	Sent to BoS and Department Use and Specific purpose data	
Data analyzed by department	Yes	
Departmental data availability	Website (Soft and Hard Copies)	
Publication of data	Not Published	
Data in Development Statistics	Yes	
Survey conducting capability	Not sure	
Availability of finances for	Data collection: NA Data processing: NA	
	Data reporting/publishing: NA	
Awareness about SDGs (Level of Agreement)	Awareness about the SDGs	Agree
	Policy Support for the SDGs	Agree
	Data alignment with the SDGs	Strongly Disagree
	Workshop/seminar attended	Agree
	Received awareness material	Agree
Ranked needs of Statistical Cell	1 Finances, 2 Technical Capacity, 3 Human resources, 4 Hardware and software,5 Trainings, 6 Logistics and Communication.	
Trainings attended	Title: Advance MS office, GIS Year: 2018,2018	
	Attendees: Deputy Director and System Analyst	
Infrastructure Capacity	1 Main office, 1 System Analyst Office	
Sufficient Furniture	Yes	
Communication Capacity	Telephone, Internet connection and WhatsApp group	
Technical Capacity	2 Computers, 1 Laptop, 2 Printers	
Sufficient Stationery	No	
Availability of logistics for data collection	Vehicles: No, (Personal vehicle is used)	
	Staff: Yes	
Relevant Sustainable Development Goals (SDGs)		
Goals	Targets	Indicators
	All targets of goal 3 can be covered in this department 6.1, 6.3, 6.4, 6.5, 6.6, 6.a, 6.b, 12.4	6.1.1, 6.3.1, 6.3.2, 6.4.1, 6.4.2, 6.5.2, 6.6.1, 6. a.1, 6.b.1, 12.4.1, 12.4.2,
Status of the Statistical Cell		
Statistical Capacity Ranking	High	
SDGs Coverage/Alignment	Somewhat (0.25) (Indicators 6.4.2 and 6.5.1 are reported)	
Recommendations	▪ MIS is present but not functional, steps may be taken for making it operational. Statical cell needs to be established with relevant HR.	
	▪ Finances for data collection may be provided.	
	▪ Technical tools such as computer should be provided for processing and analysing data.	
	▪ Relevant staff should be hired for data collection, processing and reporting facilities at the statistical cell.	
	▪ Awareness trainings should be provided on the SDGs along with training for statistical capacity development	

4.6 Human Resource Assessment of the Line Departments

The data in Table 4.34 describes human resource assessment in the line departments of Government of Balochistan. The human resource assessment includes distribution of HR such as Director, Additional Director, Deputy Director, Assistant Director, Research Officer, Statistical Investigator/Research

Investigator, Statistical Officer, Computer Programmer, Database Administrator, Data Analyst, Computer Operator, Assistant Computer Operator, Statistical Assistant, Superintendent, Assistant, Senior Clerk, and Junior Clerk etc. The distribution of HR is scored against all departments. The departmental capacities of HR were categorized as low-capacity (<0.33), medium-capacity (0.33-0.66), and high-capacity (>0.66) by Weighted Average Index Method.

During the field survey, all the departments were asked about the human resources in terms of the availability of all key administrative and technical staff.

The data analysis in Table 4.34 shows that only 2 departments such as Communication and Works (C&W) and the Bureau of Statistics (BoS) were found to be having a high HR capacity. Whereas 21 departments had Low HR capacity and 12 departments had medium HR capacity.

As far as categories of posts are concerned, the data explained that only Assistant Directors (ADs), Assistants, Senior Clerks, and Junior Clerks were sufficient in all departments. While the important posts of the statistical section including Surveyors, Statistical Officers, Statistical Assistants, Statically Investigators, Data Analysts, and Database Administrator were scarce, even most of the Statistical Cells of line departments lacked these essential technical posts.

Abbreviations in Table 4.34: D= Director, ADD= Additional Director, DD= Deputy Director, AD= Assistant Director, RO=Research Officer, SI/RI= Statistical Investigator/Research Investigator, SO= Statistical Officer, CP= Computer Programmer, DBA=Database Administrator, DA= Data Analyst, CO= Computer Operator, ACO= Assistant Computer Operator, SA= Statistical Assistant, SUP= Superintendent, Asst.= Assistant, SC= Senior Clerk, JC=Junior Clerk, S= Score, R=Rank, L= Low capacity (<0.33), M= Medium Capacity(0.33-0.66), H=High Capacity(>0.66)

Table 4.34 Human Resource Capacity of Line Departments

Department	D	A	D	A	R	SI/	S	C	D	D	C	A	S	SU	A	S	J	S	R
Agriculture	×	×	×	✓	×	×	✓	✓	×	×	×	×	×	✓	✓	×	×	0.	L
Cooperative	×	×	×	×	×	×	×	×	×	×	×	×	✓	✓	✓	✓	✓	0.	L
Law &	×	×	✓	×	×	×	×	×	×	×	✓	×	×	×	✓	×	✓	0.	L
Women	×	×	×	✓	×	×	×	×	×	×	✓	×	×	✓	✓	✓	✓	0.	L
Irrigation	×	×	×	×	×	×	×	✓	×	×	✓	×	×	✓	✓	✓	✓	0.	L
Food	×	×	×	×	×	×	✓	×	×	×	×	×	×	✓	✓	✓	✓	0.	L
Finance	✓	×	×	×	×	×	×	✓	×	×	✓	×	×	×	×	×	×	0.	L
Inter-provincial	×	×	×	×	×	×	✓	×	×	×	×	×	×	✓	✓	✓	✓	0.	L
Health	✓	×	×	×	×	×	✓	×	×	×	×	✓	×	✓	×	✓	✓	0.	L
Religious Affairs	×	×	×	×	×	×	×	×	×	×	✓	×	×	×	×	×	×	0.	L
Minorities	✓	×	×	×	×	×	×	×	×	×	×	×	×	✓	✓	✓	✓	0.	L
Transport/PTA	×	×	×	×	×	×	×	×	×	✓	✓	×	×	×	×	✓	✓	0.	L
Culture &	×	×	✓	×	×	×	×	×	×	×	✓	×	×	×	×	✓	✓	0.	L
Local	×	×	×	×	×	×	×	×	×	×	✓	×	×	×	✓	✓	✓	0.	L
Population	×	×	×	×	×	×	✓	×	×	×	×	×	×	×	✓	✓	✓	0.	L
Labour and	×	×	×	×	×	✓	×	×	×	×	✓	×	×	×	✓	✓	✓	0.	L
Local Govt/Rural	×	×	×	×	✓	×	×	×	×	×	✓	×	×	×	×	×	×	0.	L
Sui Gas	✓	×	✓	×	×	×	×	×	×	×	×	×	×	✓	×	✓	×	0.	L
Climate	✓	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	0.	L
Livestock	✓	×	×	×	×	×	×	×	×	×	×	×	×	×	✓	×	×	0.	L
UP&DD	✓	×	×	×	×	×	×	✓	×	×	×	×	×	×	×	×	×	0.	L
Mines & Minerals	✓	×	×	×	×	✓	✓	✓	✓	✓	✓	×	×	×	✓	×	×	0.	M
Secondary	×	✓	✓	×	×	×	✓	✓	×	✓	✓	×	×	✓	✓	✓	✓	0.	M
Social Welfare	✓	×	×	×	×	×	×	×	×	×	✓	×	×	✓	✓	✓	✓	0.	M
S&GAD	×	×	×	×	×	×	×	✓	×	×	✓	✓	×	✓	✓	✓	✓	0.	M
Fisheries	×	×	✓	✓	×	×	×	✓	×	×	✓	×	✓	✓	✓	✓	✓	0.	M
Youth Affairs	✓	×	×	✓	×	✓	×	×	×	×	×	×	×	✓	×	✓	✓	0.	M
Sports	✓	×	×	✓	×	×	×	×	×	×	✓	✓	×	✓	×	✓	✓	0.	M
Information	✓	×	✓	✓	×	×	×	×	×	×	✓	✓	×	✓	✓	✓	✓	0.	M
Industries and	✓	×	✓	✓	×	✓	×	×	×	×	×	×	×	×	×	✓	✓	0.	M
Higher Education	×	✓	×	×	✓	×	×	✓	×	✓	×	×	×	✓	×	✓	×	0.	M
Forest	×	✓	✓	✓	×	×	×	×	×	×	×	✓	×	✓	✓	✓	✓	0.	M
PHE	×	×	✓	✓	×	×	×	✓	×	×	×	×	×	×	×	×	×	0.	M
Bureau of	×	×	✓	✓	×	✓	×	✓	×	×	✓	×	✓	✓	✓	✓	×	0.	H
Communication	✓	×	✓	✓	×	×	×	✓	×	×	×	✓	×	✓	✓	✓	×	1.	H
Score	0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.5	0.	0.	0.	OVER	
Rank	M	L	M	H	L	L	L	M	L	L	M	L	L	M	H	H	H	0.	M

4.7 Infrastructure Facilities in Statistical Cells of the Line Departments

The data collection also included the inquiry about the Infrastructure Capacity of the statistical sells of all line departments. Questions were asked about the availability of the main office, data operator offices, separate officers' offices, meeting rooms, enough furniture capacity, and availability of archive rooms. Moreover, the respondents were also asked whether infrastructure was sufficient or insufficient (Table 4.35).

The data analysis shows that only two departments namely the Women Development Department and the BoS Balochistan lacked the all-important main office. Moreover, 15 departments' statistical cells lacked data operator offices while 14 departments owned them while others were unaware of the availability. The results also reveal that separate offices for officers were present in 20 departments, while seven departments had no separate rooms for officers. Out of 35 departments, 11 departments' statistical cells had the meeting rooms. However, 16 departments didn't have the meeting rooms. Besides that, 19 out of 35 departments had enough furniture. Moreover, 12 departments reported that they didn't have enough furniture. Archive rooms were present in 11 departments, and 15 departments were lacking them. Overall, the infrastructure capacity in all departments was average.

Table 4.35 Infrastructure Facilities in Statistical Cells of Line Departments

Departments	Main Office			Computer			Officer Room			Archive			Sufficient		
	N	Ye	N	No	Ye	NA	N	Ye	N	N	Ye	N	No	Ye	NA
Mines & Minerals	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0
Agriculture	0	1	0	0	1	0	0	1	0	0	1	0	1	0	0
Cooperative Societies	0	1	0	0	1	0	0	1	0	1	0	0	0	1	0
Education (School)	0	1	0	0	1	0	0	1	0	0	1	0	1	0	0
Social Welfare	0	1	0	1	0	0	0	1	0	0	1	0	0	1	0
Law & Parliamentary	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0
Women Development	1	0	0	1	0	0	1	0	0	1	0	0	0	1	0
S&GAD	0	1	0	1	0	0	0	1	0	0	1	0	0	1	0
Fisheries	0	1	0	1	0	0	1	0	0	1	0	0	1	0	0
BoS	1	0	0	1	0	0	1	0	0	1	0	0	0	1	0
Youth Affairs	0	1	0	1	0	0	1	0	0	1	0	0	1	0	0
Sports	0	1	0	1	0	0	0	1	0	1	0	0	1	0	0
Irrigation	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0
Food	0	1	0	0	0	1	0	0	1	0	0	1	0	1	0
Finance	0	1	0	0	1	0	0	0	1	0	0	1	0	1	0
Inter-provincial	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1
Information	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1
Health	0	1	0	0	1	0	0	0	1	0	0	1	1	0	0
Religious Affairs	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1
Climate Change/EPA	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1
Industries and commerce	0	1	0	0	1	0	0	1	0	0	0	1	0	1	0
Transport/PTA	0	1	0	1	0	0	0	1	0	0	1	0	1	0	0
Culture & Tourism	0	1	0	1	0	0	0	1	0	0	1	0	1	0	0
Local Govt. Board	0	1	0	1	0	0	0	1	0	1	0	0	0	1	0
Higher Education	0	1	0	1	0	0	0	1	0	1	0	0	1	0	0
Population Welfare	0	1	0	0	1	0	0	1	0	1	0	0	0	1	0
Labour & Manpower	0	1	0	1	0	0	0	1	0	1	0	0	1	0	0
Local Govt/Rural Development	0	1	0	0	1	0	0	1	0	1	0	0	0	1	0
Sui Gas	0	1	0	0	1	0	1	0	0	0	1	0	0	1	0
Forest	0	1	0	1	0	0	0	1	0	0	1	0	0	1	0
Climate Change/EPA	0	0	1	0	0	1	0	0	1	0	0	1	0	1	0
Livestock	0	1	0	1	0	0	0	1	0	1	0	0	0	1	0

UP&DD	0	1	0	1	0	0	1	0	0	1	0	0	1	0	0
PHE	0	1	0	0	1	0	1	0	0	1	0	0	0	1	0
C&W	0	1	0	0	1	0	0	1	0	1	0	0	1	0	0
Total (n)	2	28	5	15	14	6	7	20	8	1	11	9	12	19	4
(%)															

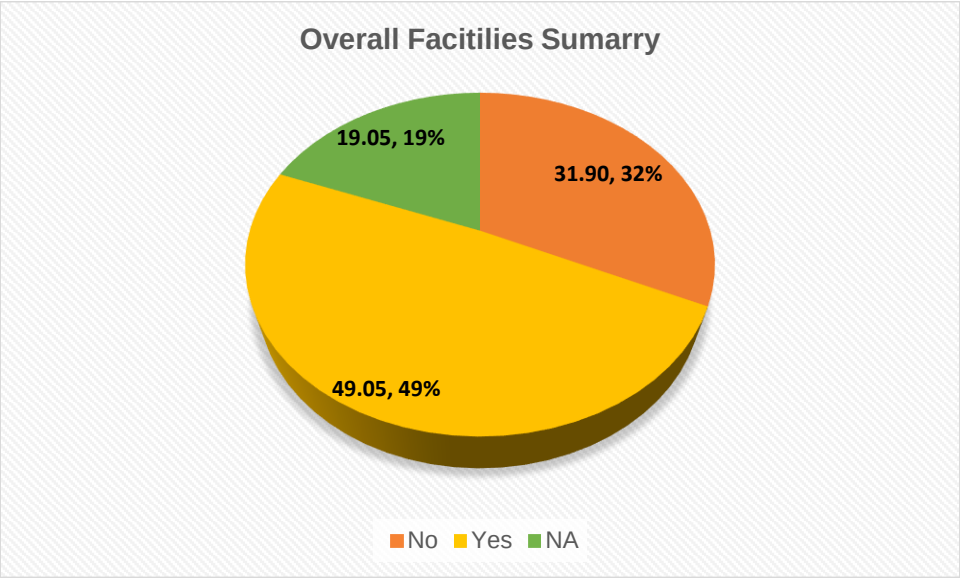


Figure 4.5 Shows the Summary of Overall Facilities

Table 4.36 Commination Facilities in All Line Departments

Departments	Telephone			Fax			Internet			WhatsApp		
	No	Yes	NA	No	Yes	NA	No	Yes	NA	No	Yes	NA
Mines & Minerals	0	1	0	1	0	0	1	0	0	0	1	0
Agriculture	0	1	0	0	1	0	0	1	0	0	1	0
Cooperative Societies	0	1	0	1	0	0	0	1	0	1	0	0
Education (School)	0	1	0	0	1	0	0	1	0	0	1	0
Social Welfare	0	1	0	0	1	0	0	1	0	0	1	0
Law & Parliamentary	0	1	0	0	1	0	0	1	0	0	1	0
Women Development	0	1	0	0	1	0	0	1	0	1	0	0
S&GAD	0	1	0	0	1	0	0	1	0	0	1	0
Fisheries	1	0	0	1	0	0	0	1	0	0	1	0
BoS	0	1	0	0	1	0	0	1	0	1	0	0
Youth Affairs	0	1	0	1	0	0	1	0	0	1	0	0
Sports	0	1	0	1	0	0	0	1	0	0	1	0
Irrigation	1	0	0	1	0	0	1	0	0	1	0	0
Food	0	1	0	0	1	0	0	1	0	0	1	0
Finance	0	1	0	0	1	0	0	1	0	0	0	1
Inter-provincial	0	0	1	1	0	0	1	0	0	0	0	1
Information	0	0	1	1	0	0	1	0	0	0	0	1
Health	0	1	0	0	1	0	0	1	0	0	1	0
Religious Affairs	0	0	1	1	0	0	1	0	0	1	0	0
Climate Change/EPA	0	0	1	1	0	0	1	0	0	1	0	0
Industries and commerce	0	1	0	0	1	0	0	1	0	0	1	0
Transport/PTA	0	1	0	1	0	0	0	1	0	1	0	0
Culture & Tourism	0	1	0	1	0	0	0	1	0	1	0	0
Local Government Board	0	1	0	0	1	0	0	1	0	0	1	0

Higher Education		0	1	0	1	0	0	0	1	0	0	1	0
Population Welfare		0	1	0	1	0	0	0	1	0	0	1	0
Labour and Manpower		0	1	0	1	0	0	0	1	0	1	0	0
Local Govt/Rural Dev.		1	0	0	1	0	0	1	0	0	0	1	0
Sui Gas		1	0	0	1	0	0	1	0	0	1	0	0
Forest		1	0	0	0	1	0	0	1	0	0	1	0
Climate Change/EPA		0	1	0	1	0	0	1	0	0	0	1	0
Livestock		0	1	0	0	1	0	0	1	0	0	1	0
UP&DD		0	1	0	0	1	0	0	1	0	0	1	0
PHE		0	1	0	1	0	0	0	1	0	0	1	0
C&W		0	1	0	1	0	0	0	1	0	0	1	0
Total	N	5	26	4	20	15	0	10	25	0	11	21	3
	%	14.3	74.3	11.4	57.1	42.9	0.0	28.6	71.4	0.0	31.4	60.0	8.6
	%	100			100			100			100		

4.8 Communication Facilities in the Line Departments

The data collection process also included capacity assessment of communication facilities. The availability of communication tools including telephone, fax internet availability, and WhatsApp groups (unofficial communication tool) was inquired through the checklist. The data shows that out of 35 departments, 26 had telephone facility while 5 even did not have the basic facility of telephone. Moreover, 25 departments lacked fax facility. Internet facility was available in 25 departments and 10 lacked facility of internet as well. Moreover, the data shows that 21 departments used unofficial communication tool WhatsApp for official communication (see Table 4.36).

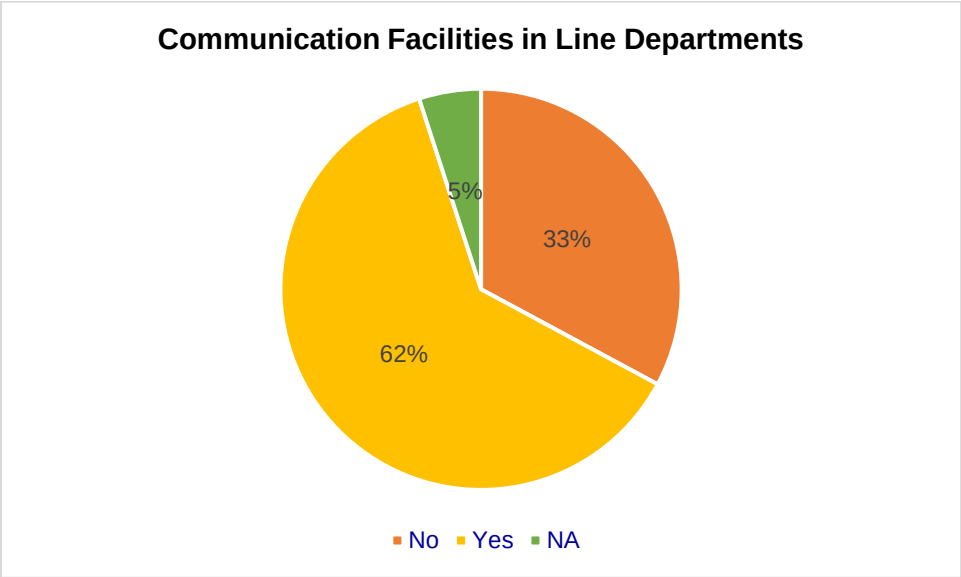


Figure 4.6 Communication Facilities in All Line Departments

The above Figure 4.6 presents the overall communication facilities of the 35-line departments of the GoB. The data analysis showed that 62% of the departments had all the communication facilities, whereas 33 % of departments didn't have the overall facilities.

Table 4.37 Availability of IT Equipment in the Line Departments

Departments	Desktop			Tablets			Laptop			Printer			Scanner			Photostat Machine			Total	%
	No	Yes	NA	No	Yes	NA	No	Yes	NA	No	Yes	NA	No	Yes	NA	No	Yes	NA		
Mines & Minerals	0	1	0	1	0	0	0	1	0	0	1	0	0	1	0	0	1	0	5	83.3
Agriculture	0	1	0	1	0	0	0	1	0	0	1	0	0	1	0	0	1	0	5	83.3
Cooperative Societies	0	1	0	1	0	0	1	0	0	0	1	0	1	0	0	1	0	0	2	33.3
Education (School)	0	1	0	1	0	0	0	1	0	0	1	0	1	0	0	0	1	0	4	66.7
Social Welfare	0	1	0	1	0	0	0	1	0	0	1	0	0	1	0	0	1	0	5	83.3
Law & Parliamentary	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0	6	100
Women Development	0	1	0	1	0	0	1	0	0	0	1	0	1	0	0	0	1	0	3	50.0
S&GAD	0	1	0	1	0	0	1	0	0	0	1	0	0	1	0	0	1	0	4	66.7
Fisheries	0	1	0	1	0	0	0	1	0	0	1	0	0	1	0	0	1	0	5	83.3
BoS	0	1	0	1	0	0	0	1	0	0	1	0	0	1	0	0	1	0	5	83.3
Youth Affairs	0	1	0	1	0	0	1	0	0	0	1	0	1	0	0	1	0	0	2	33.3
Sports	0	1	0	0	1	0	0	1	0	0	1	0	1	0	0	0	1	0	5	83.3
Irrigation	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0	6	100
Food	0	1	0	1	0	0	1	0	0	0	1	0	0	1	0	1	0	0	3	50.0
Finance	0	1	0	1	0	0	0	1	0	0	1	0	0	1	0	0	1	0	5	83.3
Inter-provincial	0	0	1	1	0	0	1	0	0	1	0	0	0	0	1	0	0	1	0	0.00
Information	0	0	1	1	0	0	0	0	1	0	0	1	0	0	1	0	0	1	0	0.00
Health	0	1	0	1	0	0	0	1	0	0	1	0	0	0	1	0	0	1	3	50.0
Religious Affairs	0	0	1	1	0	0	0	0	1	0	0	1	0	0	1	0	0	1	0	0.00
Climate Change/EPA	0	0	1	1	0	0	0	0	1	0	0	1	0	0	1	0	0	1	0	0.00
Industries and commerce	0	1	0	1	0	0	0	1	0	0	1	0	0	1	0	0	1	0	5	83.3
Transport/PTA	0	1	0	1	0	0	1	0	0	0	1	0	1	0	0	0	1	0	3	50.0
Culture & Tourism	0	1	0	1	0	0	1	0	0	0	1	0	1	0	0	1	0	0	2	33.3
Local Government Board	0	1	0	1	0	0	1	0	0	0	1	0	1	0	0	0	1	0	3	50.0
Higher Education_ Colleges	0	1	0	1	0	0	1	0	0	0	1	0	1	0	0	0	1	0	3	50.0
Population Welfare	0	1	0	1	0	0	0	1	0	0	1	0	1	0	0	1	0	0	3	50.0
Labour and Manpower	0	1	0	1	0	0	1	0	0	0	1	0	1	0	0	0	1	0	3	50.0
Local Govt/Rural Dev.	0	1	0	1	0	0	0	1	0	0	1	0	0	1	0	0	1	0	5	83.3
Sui Gas	0	1	0	1	0	0	1	0	0	0	1	0	0	1	0	0	1	0	4	66.7
Forest	0	1	0	1	0	0	1	0	0	0	1	0	1	0	0	1	0	0	2	33.3
Climate Change/EPA	0	1	0	1	0	0	1	0	0	0	1	0	1	0	0	0	1	0	3	50.0
Livestock	0	1	0	1	0	0	1	0	0	0	1	0	0	1	0	0	1	0	4	66.7
UP&DD	0	1	0	1	0	0	1	0	0	0	1	0	0	1	0	0	1	0	4	66.7
PHE	0	1	0	1	0	0	0	1	0	0	1	0	1	0	0	1	0	0	3	50.0
C&W	0	1	0	1	0	0	1	0	0	0	1	0	1	0	0	0	1	0	3	50.0
Total (n)	0	31	4	32	3	0	17	15	3	1	31	3	15	15	5	7	23	5		
(%)	0.00	93.94	12.12	96.97	9.09	0.00	51.52	45.45	9.09	3.03	93.94	9.09	45.45	45.45	15.15	21.21	69.70	15.15		

4.9 Availability of IT Equipment in the Line Departments

The IT equipment capacity of all the statistical cells of line departments of the GoB was assessed by collecting the data about availability of IT equipment such as desktops, laptops, tablets, printers, scanners, and photo state machines; and further the percentage method was used to rank the departments. Only two departments Law & Parliamentary Affairs and Irrigation Departments had sufficient IT equipment availability. Most of the statistical cells of line departments (94%) had desktop and printer availability while the availability of tablets was rare (9%). Laptops, printer and scanners were available in 15 departments while 23 departments had photo state machine availability. (See Table 4.37 above)

4.10 Availability of stationary

The findings in Figure 4.7 illustrate that 80% of the departments had enough stationery items such as pens, papers, stapler pins, and files, etc., at the line departments of Government of Balochistan and their statistical cells. Moreover, 14% of them lamented about the insufficiency of stationery items.

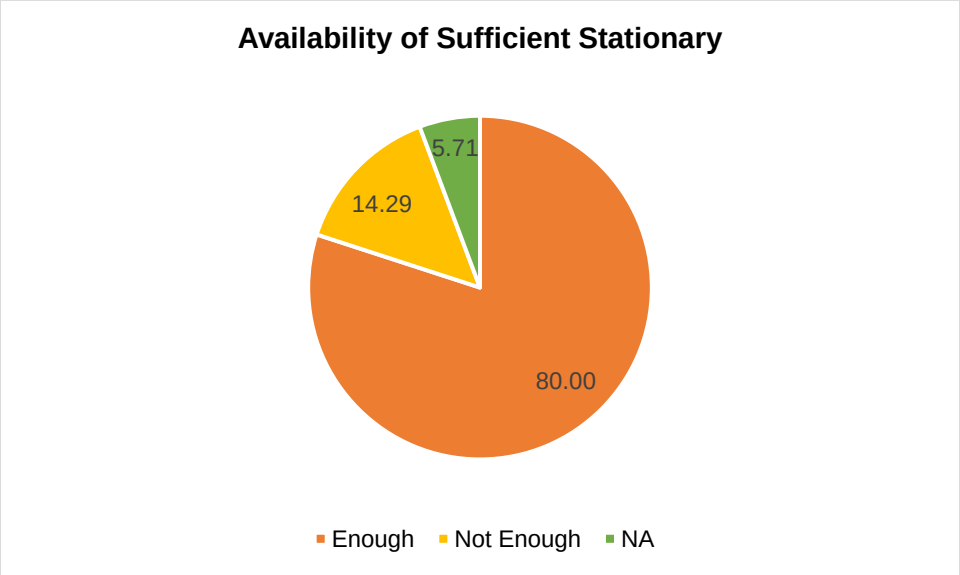


Figure 4.7 Shows the Stationary Items at Line Departments

4.11 Availability of Logistics in the Line Departments for Data Collection

The data analysis shows that the logistics in statistical cells of the line departments including departments of Agriculture, Irrigation, Food, Finance, Local Government & Rural Development, Sui gas, and Forest had overall sufficient logistic facilities. Whereas departments of Cooperative Societies, Education (school), Law and Parliamentary Affairs, S&GAD, Fisheries, the BoS, Youth Affairs were low in availability of logistics in the line departments. Moreover, Social Welfare, Women Development, Health, Culture and Tourism, Climate Change (EPA), Transport, Religious Affairs and Labour & Manpower were strictly deprived of overall logistic facilities. Additionally, the availability of vehicles is 55%, the GoB conveyance availability is 37%, while staff availability for data collection is 55% in all statistical cells of the line departments. Overall analysis depicts that the overall logistics availability at the statistical cells of the line departments is either zero or very low. Only a few statistical cells were rich in logistics availability. (See Table 4.38)

Table 4.38 Availability of Logistics/vehicle in the Line Departments for Data Collection

Line Departments	Vehicle			Type			Staff			Total	%
	No	Yes	NA	Govt.	Private*	Personal	No	Yes	NA		
Mines & Minerals	0	1	0	0	1	0	0	1	0	2	66.7
Agriculture	0	1	0	1	0	0	0	1	0	3	100.0
Cooperative Societies	1	0	0	0	1	0	0	1	0	1	33.3
Education (School)	1	0	0	0	1	0	0	1	0	1	33.3
Social Welfare	1	0	0	0	0	1	1	0	0	0	0.0

Law & Parliamentary	0	0	1	1	0	0	0	0	1	1	33.3
Women Development	1	0	0	0	1	0	0	0	1	0	0.0
S&GAD	1	0	0	0	0	1	0	1	0	1	33.3
Fisheries	1	0	0	0	1	0	0	1	0	1	33.3
BoS	0	1	0	0	1	0	1	0	0	1	33.3
Youth Affairs	1	0	0	0	1	0	0	1	0	1	33.3
Sports	0	1	0	1	0	0	1	0	0	2	66.7
Irrigation	0	1	0	1	0	0	0	1	0	3	100.0
Food	0	1	0	1	0	0	0	1	0	3	100.0
Finance	0	1	0	1	0	0	0	1	0	3	100.0
Inter-provincial	0	0	1	1	0	0	0	0	1	1	33.3
Information	0	0	1	1	0	0	0	0	1	1	33.3
Health	1	0	0	0	0	1	1	0	0	0	0.0
Religious Affairs	1	0	0	0	0	1	0	0	1	0	0.0
Climate Change/EPA	1	0	0	0	0	1	0	0	1	0	0.0
Industries and commerce	1	0	0	0	0	1	0	1	0	1	33.3
Transport/PTA	1	0	0	0	1	0	1	0	0	0	0.0
Culture & Tourism	1	0	0	0	0	1	1	0	0	0	0.0
Local Government Board	0	1	0	1	0	0	1	0	0	2	66.7
Higher Education	1	0	0	0	0	1	0	1	0	1	33.3
Population Welfare	1	0	0	0	1	0	0	1	0	1	33.3
Labour and Manpower	1	0	0	0	1	0	1	0	0	0	0.0
Local Govt/Rural Dev.	0	1	0	1	0	0	0	1	0	3	100.0
Sui Gas	0	1	0	1	0	0	0	1	0	3	100.0
Forest	0	1	0	1	0	0	0	1	0	3	100.0
Climate Change/EPA	0	1	0	1	0	0	0	1	0	3	100.0
Livestock	1	0	0	0	0	1	0	1	0	1	33.3
UP&DD	1	0	0	0	0	1	0	1	0	1	33.3
PHE	1	0	0	0	0	1	0	1	0	1	33.3
C&W	0	1	0	0	1	0	1	0	0	1	33.3
Total (n)	20	12	3	13	11	11	9	20	6		
(%)	57.1	34.3	8.6	37.1	31.4	31.4	25.7	57.1	17.1		
(%)	100.0			100.0			100.0				

4.12 Availability of Statistical Cells in Line Department and their Titles

The study also included the assessment of the availability of statistical cells and their names in various line departments of Government of Balochistan. Overall, the data in Table 4.39 shows that 18 out of 35 line departments had no statistical cells for statistical data production whereas 17 line departments had the statistical cells. The name of the statistical cell was different in different departments. Moreover, 8 departments had other data management units. Moreover, different names for the statistical cells may easily create ambiguity in someone's mind.

Table 4.39 Availability of Statistical Cells in Line Department and their Titles

Line Departments	Statistical Cell		Statistical Cells	Other Data Management Units
	No	Yes		
Mines & Minerals	0	1	Statistical Cell	--
Agriculture	0	1	Statistical Wing	--
Cooperative Societies	1	0		General Branch
Secondary Education School	0	1	EMIS	
Social Welfare	1	0	--	Directorate

Line Departments	Statistical Cell		Statistical Cells	Other Data Management Units
	No	Yes		
Law & Parliamentary	1	0		Digital Library
Women Development	1	0	--	--
S&GAD	1	0	--	--
Fisheries	1	0	--	-
BoS	0	1	Statistical Cell	--
Youth Affairs	1	0	--	--
Sports	0	1	--	IT Section
Irrigation	1	0	--	--
Food	0	1	Statistical Wing	--
Finance	0	1	MIS	--
Inter-provincial	1	0	--	--
Information	1	0	--	--
Health	0	1	MIS	
Religious Affairs	1	0	--	--
Climate Change/EPA	1	0	--	Record section
Industries and commerce	0	1	Directorate	-
Transport/PTA	0	1	Planning and Development Cell	--
Culture & Tourism	1	0	--	--
Local Government Board	0	1	EMIS	IT Section
Higher Education	0	1	Planning and Evaluation Cell	--
Population Welfare	0	1	Planning and Evaluation Cell	--
Labour and Manpower	1	0	--	Data management Unit
Local Govt/Rural Dev.	1	0	--	--
Sui Gas	0	1	Planning and Development	--
Forest	1	0	Planning and Development Cell	
Climate Change/EPA	1	0	--	Record section
Livestock	0	1	Planning and Development Cell	--
UP&DD	1	0	Chief Planning and Monitoring	
PHE	0	1	MIS	--
C&W	0	1	Planning & Design Cell	--
Total (n)	18	17		
(%)	51.43	48.57		

Table 4.40 Data Collection & Preparation and Designing of Data Collection Tools

Line Departments	Primary Data Collection			Tools Availability			Tools Development	
	No	Yes	NA	No	Yes	NA	Department Itself	NA
Mines & Minerals	0	1	0	0	1	0	1	0
Agriculture	0	1	0	0	1	0	1	0
Cooperative Societies	0	1	0	1	0	0	1	0
Education (School)	0	1	0	0	1	0	1	0
Social Welfare	0	1	0	0	1	0	1	0
Law & Parliamentary	1	0	0	0	0	1	0	1
Women Development	0	0	1	0	0	1	0	1
S&GAD	1	0	0	0	1	0	1	0
Fisheries	0	1	0	0	0	1	0	1
BoS	0	1	0	0	1	0	1	0

Line Departments	Primary Data Collection			Tools Availability			Tools Development	
	No	Yes	NA	No	Yes	NA	Department Itself	NA
Youth Affairs	0	1	0	1	0	0	0	1
Sports	0	1	0	0	1	0	1	0
Irrigation	0	1	0	0	0	1	0	1
Food	0	1	0	0	0	1	1	0
Finance	0	1	0	0	1	0	1	0
Inter-provincial	1	0	0	0	0	1	0	1
Information	1	0	0	0	0	1	0	1
Health	0	1	0	0	1	0	1	0
Religious Affairs	1	0	0	0	0	1	0	1
Minorities	1	0	0	0	0	1	0	1
Industries and commerce	0	1	0	0	1	0	1	0
Transport/PTA	0	1	0	1	0	0	0	1
Culture & Tourism	0	0	1	1	0	0	0	1
Local Government Board	0	1	0	0	1	0	1	0
Higher Education	0	1	0	0	1	0	1	0
Population Welfare	0	1	0	0	1	0	1	0
Labour and Manpower	0	1	0	1	0	0	0	1
Local Govt./Rural Dev.	0	0	1	0	0	1	0	1
Sui Gas	0	1	0	1	0	0	1	0
Forest	1	0	0	0	1	0	1	0
Climate Change/EPA	0	1	0	0	0	1	1	0
Livestock	0	1	0	0	1	0	1	0
UP&DD	0	1	0	0	1	0	1	0
Public Health	0	1	0	0	1	0	1	0
C & W	0	1	0	0	1	0	1	0
Total (n)	7	25	3	6	18	11	22	13
(%)	20.00	71.43	8.57	17.14	51.43	31.43	62.86	37.14

4.13 Data Collection & Preparation and Designing of Data Collection Tools

The data analysis in Table 4.40, which is about the collection of primary data, tool availability, and management, shows a variety of facts. Overall, 25 statistical cells of the line departments out of 35 were involved in the primary data collection process while 7 departments' statistical cells had no such mechanism for data collection. Moreover, the data collection tool was available in only 18 departments' statistical cells while 7 departments had no tool available for primary data collection. As far as, the development of the data collection tool was concerned, the data analysis showed that the statistical cells of 22 departments had been developing the data collection tools for the respective departments. Broadly speaking, the statistical cells which have the responsibility for primary data collection have a low capacity for primary data collection as some don't collect primary data while others don't have data collection tools as well. Furthermore, many departments' statistical cells were not sure about the availability and development of data collection tools.

4.14 Data Collection Interval

The data collection interval is a vital aspect of data ecosystem. Regular and better-spaced data collection ensures a valid and reliable database. The analysis of data in Table 4.41 shows that only 3 departments including Mines &Minerals, Food, and Fisheries collect data on a daily basis. Moreover, 3 out of 35 departments collect data every month. The quarterly data collection interval is followed by only 2 departments. Moreover, 8 departments collect data on an annual basis whereas 13 out of 35 departments collect data in irregular intervals. Even 6 departments were not sure about the interval of data collection which shows their non-serious attitude about the data collection process.

4.15 Data Collection Mechanism

The data collection mechanism, especially for primary data collection, includes means of data gathering such as use of Emails, WhatsApp, departmental staff, surveys, and official letters by competent authorities for data collection purposes. The data in Table 4.42 showed that departmental staff (71.4%) was the most used mean of data collection probably due to high response rate than any other mean of data collection. The most authentic means of correspondence, email, was used by only 12 departments. WhatsApp an unofficial and informal means of data collection was used by 13 departments' statistical cells as well. Moreover, the surveys were used by just 11 statistical cells of the line departments while official letters were the least used mean of data collection in the statistical cells of line department as only 7 departments used this method.

4.16 Sources, Updating of Data Collection Tools, and Type of Data

The data was also collected about the data collection tool "commonly proforma", source as designing authority, period of its revision, and the purpose of data collection. The data in Table 4.43 shows that 22 departments get their data collection tool developed by their departments while the BoS designs proforma for only 2 departments. As far as the revision of proforma is concerned, only 7 departments revise their proforma on an annual basis while 14 departments never revise their proforma. Besides that, 14 departments rarely revise the proforma which is the main cause of outdated data generation and further processing and publishing. Moreover, the purpose for data was mostly specific, however, only 2 departments reported data collection purpose as performance-based data.

4.17 Data Analysis Capacity, Availability and Mode of Sharing

The data in Table 4.44 capacity analysis of the statistical cells of line departments depicted that 24 out of 35 departments' statistical cells had data analysis capacity while 8 departments' statistical cells had no such capacity for data analysis. Moreover, 3 departments were unaware of their capacity to analyse statistical data. The data of 23 statistical cells of the line departments was available on their departmental offices while 10 departments' statistical cells have their official websites where from the data can be accessed. As far as the mode of data availability was concerned, 21 out of 35 departments had data available in both soft and hard form while data was available in only hard form in 14 departments where hard form data can easily be lost as well.

Table 4.41 Interval of Data Collection

Line Departments	Data Collection Interval					
	Daily	Monthly	Quarterly	Yearly	Irregular	NA
Mines & Minerals	1	0	0	0	0	0
Agriculture	0	0	0	1	0	0
Cooperative Societies	0	0	0	1	0	0
Education (School)	0	0	0	1	0	0
Social Welfare	0	0	0	0	1	0
Law & Parliamentary	0	0	0	0	0	1
Women Development	0	0	0	0	0	1
S&GAD	0	0	0	0	1	0
Fisheries	1	0	0	0	0	0
BoS	0	0	0	0	1	0
Youth Affairs	0	0	0	0	1	0
Sports	0	0	0	0	1	0
Irrigation	0	0	0	0	1	0
Food	1	0	0	0	0	0
Finance	0	0	0	1	0	0
Inter-provincial	0	0	0	0	0	1
Information	0	0	0	0	0	1
Health	0	1	0	0	0	0
Religious Affairs	0	0	0	0	0	1
Minorities	0	0	0	0	0	1

Line Departments	Data Collection Interval					
	Daily	Monthly	Quarterly	Yearly	Irregular	NA
Industries and commerce	0	0	0	1	0	0
Transport/PTA	0	0	0	0	1	0
Culture & Tourism	0	0	0	0	1	0
Local Government Board	0	0	0	0	1	0
Higher Education	0	0	0	0	1	0
Population Welfare	0	1	0	0	0	0
Labour and Manpower	0	1	0	0	0	0
Local Govt./Rural Dev.	0	0	0	1	0	0
Sui Gas	0	0	0	1	0	0
Forest	0	0	0	1	0	0
Climate Change/EPA	0	0	0	0	1	0
Livestock	0	0	0	0	1	0
UP&DD	0	0	1	0	0	0
Public Health	0	0	0	0	1	0
C & W	0	0	1	0	0	0
Total	3	3	2	8	13	6
%	8.57	8.57	5.71	22.85	37.14	17.14

Table 4.42 Data Collection Mechanism

Line Departments	Email		WhatsApp		Department Staff		Survey		Official Letters	
	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes
Mines & Minerals	0	1	0	1	0	1	0	1	1	0
Agriculture	0	1	0	1	0	1	0	1	1	0
Cooperative Societies	1	0	1	0	0	1	1	0	1	0
Education (School)	1	0	1	0	0	1	1	0	1	0
Social Welfare	1	0	1	0	0	1	1	0	0	1
Law & Parliamentary	1	0	1	0	0	1	1	0	0	1
Women Development	1	0	1	0	1	0	1	0	1	0
S&GAD	0	1	0	1	0	1	1	0	1	0
Fisheries	1	0	1	0	0	1	1	0	1	0
BoS	1	0	1	0	0	1	1	0	1	0
Youth Affairs	1	0	1	0	0	1	1	0	1	0
Sports	1	0	0	1	0	1	1	0	1	0
Irrigation	0	1	0	1	0	1	0	1	1	0
Food	1	0	1	0	1	0	1	0	1	0
Finance	1	0	1	0	0	1	1	0	0	1
Inter-provincial	1	0	1	0	1	0	1	0	1	0
Information	1	0	1	0	1	0	1	0	1	0
Health	0	1	0	1	0	1	0	1	0	1
Religious Affairs	1	0	1	0	0	1	0	1	0	1
Minorities	1	0	1	0	0	1	0	1	0	1
Industries and commerce	1	0	1	0	1	0	0	1	1	0
Transport/PTA	1	0	1	0	1	0	0	1	1	0
Culture & Tourism	1	0	1	0	1	0	1	0	1	0
Local Govt. Board	0	1	0	1	0	1	0	1	1	0
Higher Education	1	0	1	0	1	0	1	0	1	0
Population Welfare	1	0	1	0	1	0	1	0	1	0

Labour and Manpower	1	0	1	0	1	0	1	0	1	0
Local Govt/Rural Dev.	0	1	0	1	0	1	1	0	1	0
Sui Gas	1	0	1	0	0	1	1	0	1	0
Forest	0	1	0	1	0	1	1	0	1	0
Climate Change/EPA	0	1	0	1	0	1	1	0	1	0
Live stock	1	0	1	0	0	1	0	1	1	0
UP&DD	0	1	0	1	0	1	0	1	1	0
Public Health	0	1	0	1	0	1	1	0	0	1
C & W	0	1	0	1	0	1	1	0	1	0
Total (n)	23	12	22	13	10	25	24	11	28	7
(%)	65.7	34.3	62.9	37.1	28.6	71.4	68.6	31.4	80.0	20.0
(%)	100%		100%		100%		100%		100%	

Table 4.43 Sources, Revision of Data Collection Tools, and Type of Data

Line Departments	Source of Data Collection Tools			Revision of Data Collection Tools			Type of Data Collected		
	BoS	Deptt.	Other	Never	Rare	Yearly	Performance Data	Specific Purpose Data	Other
Mines & Minerals	0	1	0	0	1	0	0	1	0
Agriculture	0	1	0	0	0	1	0	1	0
Cooperative Societies	0	1	0	1	0	0	0	1	0
Education (School)	0	1	0	0	0	1	0	1	0
Social Welfare	0	1	0	0	1	0	0	1	0
Law & Parliamentary	0	0	1	1	0	0	0	0	1
Women Development	0	0	1	1	0	0	0	0	1
S&GAD	0	1	0	0	1	0	0	1	0
Fisheries	0	0	1	0	1	0	0	0	1
BoS	0	1	0	0	0	1	0	1	0
Youth Affairs	0	1	0	0	1	0	0	1	0
Sports	0	1	0	0	1	0	0	1	0
Irrigation	0	1	0	0	0	1	0	1	0
Food	0	0	1	1	0	0	0	0	1
Finance	0	1	0	1	0	0	0	1	0
Inter-provincial	0	0	1	1	0	0	0	0	1
Information	0	0	1	1	0	0	0	0	1
Health	0	1	0	0	1	0	0	1	0
Religious Affairs	0	0	1	1	0	0	0	0	1
Minorities	0	1	0	1	0	0	0	1	0
Industries and commerce	0	1	0	1	0	0	0	1	0
Transport/PTA	0	0	1	0	1	0	0	0	1
Culture & Tourism	0	0	1	0	1	0	0	0	1
Local Government Board	0	1	0	0	0	1	0	1	0
Higher Education	0	1	0	0	0	1	0	1	0
Population Welfare	0	1	0	0	0	1	0	1	0
Labour and Manpower	0	0	1	1	0	0	0	0	1
Local Govt./Rural Dev.	0	0	1	1	0	0	0	0	1
Sui Gas	1	0	0	1	0	0	1	0	0
Forest	1	0	0	0	1	0	1	0	0
Climate Change/EPA	0	1	0	0	1	0	0	1	0
Livestock	0	1	0	0	1	0	0	1	0
UP&DD	0	1	0	1	0	0	0	1	0
Public Health	0	1	0	0	1	0	0	1	0

C & W	0	1	0	0	1	0	0	1	0
Total (n)	2	22	11	14	14	7	2	22	11
(%)	5.71	62.86	31.43	40	40	20	5.71	62.86	31.43
(%)	100%			100%			100%		

Table 4.44 Data Analysis Capacity, Availability and Mode of Sharing by Statistical Cells

Line Departments	Data Analysis Capacity			Data Availability			Mode of availability		
	No	Yes	NA	Website	Dept. Office	NA	Hard	Soft	Both
Mines & Minerals	0	1	0	0	1	0	0	0	1
Agriculture	1	0	0	0	1	0	0	0	1
Cooperative Societies	0	1	0	0	1	0	0	0	1
Education School	0	1	0	1	0	0	0	0	1
Social Welfare	0	1	0	0	1	0	1	0	0
Law & Parliamentary	0	0	1	1	0	0	0	0	1
Women Development	0	0	1	0	1	0	1	0	0
S&GAD	0	1	0	0	1	0	1	0	0
Fisheries	1	0	0	0	1	0	0	0	1
BoS	0	1	0	1	0	0	0	0	1
Youth Affairs	0	1	0	0	1	0	1	0	0
Sports	0	1	0	0	1	0	1	0	0
Irrigation	0	1	0	0	1	0	0	0	1
Food	0	1	0	0	1	0	0	0	1
Finance	0	1	0	1	0	0	0	0	1
Inter-provincial	1	0	0	0	0	1	1	0	0
Information	1	0	0	0	0	1	1	0	0
Health	0	1	0	1	0	0	0	0	1
Religious Affairs	1	0	0	0	1	0	1	0	0
Minorities	0	1	0	0	1	0	0	0	1
Industries and Commerce	1	0	0	0	1	0	0	0	1
Transport/PTA	0	1	0	0	1	0	1	0	0
Culture & Tourism	0	1	0	0	1	0	0	0	1
Local Government Board	0	1	0	0	1	0	0	0	1
Higher Education	0	1	0	0	1	0	1	0	0
Population Welfare	0	1	0	1	0	0	0	0	1
Labour and Manpower	0	1	0	0	1	0	1	0	0
Local Govt./Rural Dev	0	0	1	1	0	0	0	0	1
Sui Gas	0	1	0	1	0	0	1	0	0
Forest	1	0	0	1	0	0	1	0	0
Climate Change/EPA	0	1	0	0	1	0	0	0	1
Livestock	0	1	0	0	1	0	1	0	0
UP&DD	0	1	0	0	1	0	0	0	1
Public Health	0	1	0	1	0	0	0	0	1
C & W	1	0	0	0	1	0	0	0	1
Total (n)	8	24	3	10	23	2	14	0	21
(%)	22.86	68.57	8.57	28.57	65.71	5.71	40.00	0.00	60.00
(%)	100%			100%			100%		

4.18 Data Use, Publishing and Survey Conducting Capacity of Statistical Cells

The data analysis of Table 4.45 shows that data produced by statistical cells of line departments is mostly used by the department itself which accounts for 51%. Moreover, data produced by 6 departments' statistical cells is used by the Bureau of Statistics while 6 departments' statistical cells data are used by both, respective departments as well as the BoS. As far as data publishing is concerned, quite shocking 48% of data produced by statistical cells of line departments are not even published at all. Moreover, 10

departments published their data while the BoS published data produced by 6 departments. Moreover, the data also showed that overall, 19 statistical cells of the line departments out of 35 departments had the survey conducting capacity. Moreover, 7 departments did not have survey conducting capacity while 9 departments were not sure about their survey conducting capacity.

4.19 Availability of Finances for Data Collection, Analysis and Reporting of Statistical Cells

As far as the financial capacity of the statistical cells of line departments is concerned in terms of finance available for data collection, data analysis, and reporting, the capacity was assessed by using the Weighted Average Index (WAI) with a score range from 0.00 to 100. The data in Table 4,46 shows that only 7 departments including Climate Change/EPA, Local Govt./Rural Development Department, Sui Gas, Health, Food, and Education had sufficient finances for data collection, analysis, and reporting with a score of 100. On the other hand, 17 departments had 0 scores in WAI which completely lacked the finances for data collection analysis and reporting. Overall, only 10 statistical cells of the line departments had sufficient funds for data collection whereas 12 statistical cells of the line departments had sufficient funds for data analysis. Besides 13 statistical cells of the line departments had sufficient finances for data reporting.

4.20 SDG Awareness among the HR of the Statistical Cells in Line Departments

The study also included assessment of the SDGs awareness among the HR of statistical cells of the line departments of Balochistan. The Likert scale was used for assessing their opinions and were assigned the values as;

Strongly Agree=1; Agree=0.8, Neutral=0.6; Disagree=0.4, Strongly Disagree=0.2

Further, Weighted Average Index (WAI) was used to rank them in orders: (High >0.66), (Medium 0.33-0.66), and (Low <0.33).

The results in Table 4.47 show that HR of only 10 departments' statistical cells stood high in the SDGs awareness while only 3 of them including the departments of Irrigation, Social Welfare and Cooperative Societies were ranked as full SDGs aware with the score of 1. Moreover, 20 statistical cells of the line departments ranked in the medium category. Likewise, 5 statistical cells of line departments were ranked low as far as the SDGs awareness level of their HR is concerned. The Labour and Manpower Department had the lowest SDGs awareness among statistical cells of the line departments of Balochistan.

Table 4.45 Data Use, Publishing and Survey Conducting Capacity of Statistical Cells

Line Departments	Use of Data				Publishing of Data					Survey Capacity		
	BoS	Dept.	Both	Other	BoS	Dept.	Not Pub	Fed. Govt.	EMIS	Yes	No	Not Sure
Mines & Minerals	0	0	1	0	0	0	0	1	0	1	0	0
Agriculture	0	1	0	0	0	1	0	0	0	1	0	0
Cooperative Societies	0	0	1	0	1	0	0	0	0	0	1	0
Education (School)	0	1	0	0	0	0	0	0	1	1	0	0
Social Welfare	0	1	0	0	0	1	0	0	0	0	1	0
Law & Parliamentary	0	1	0	0	0	1	0	0	0	0	0	1
Women Development	0	0	0	1	0	0	1	0	0	0	0	1
S&GAD	0	1	0	0	0	1	0	0	0	1	0	0
Fisheries	0	1	0	0	0	0	1	0	0	1	0	0
BoS	0	0	0	1	1	0	0	0	0	1	0	0
Youth Affairs	0	1	0	0	0	1	0	0	0	1	0	0
Sports	0	1	0	0	0	1	0	0	0	1	0	0
Irrigation	0	0	1	0	0	0	1	0	0	1	0	0
Food	1	0	0	0	0	0	1	0	0	1	0	0
Finance	0	1	0	0	0	1	0	0	0	0	0	1
Inter-provincial	0	0	0	1	0	0	1	0	0	0	0	1
Information	0	0	0	1	0	0	1	0	0	0	0	1
Health	1	0	0	0	0	1	0	0	0	1	0	0
Religious Affairs	0	0	0	1	0	1	0	0	0	0	0	1

Line Departments	Use of Data				Publishing of Data					Survey Capacity		
	BoS	Dept.	Both	Other	BoS	Dept.	Not Pub	Fed. Govt.	EMIS	Yes	No	Not Sure
Minorities	0	0	0	1	0	0	1	0	0	0	0	1
Industries & Commerce	1	0	0	0	0	0	1	0	0	1	0	0
Transport/PTA	0	1	0	0	0	0	1	0	0	0	1	0
Culture & Tourism	0	1	0	0	0	0	1	0	0	0	1	0
Local Govt. Board	0	1	0	0	0	0	1	0	0	1	0	0
Higher Education	0	1	0	0	0	0	1	0	0	0	1	0
Population Welfare	0	1	0	0	1	0	0	0	0	0	1	0
Labour and Manpower	0	1	0	0	0	0	1	0	0	0	1	0
Local Govt/Rural Dev.	1	0	0	0	1	0	0	0	0	1	0	0
Sui Gas	1	0	0	0	0	1	0	0	0	1	0	0
Forest	1	0	0	0	0	0	1	0	0	1	0	0
Climate Change/EPA	0	1	0	0	0	0	1	0	0	1	0	0
Livestock	0	0	1	0	1	0	0	0	0	1	0	0
UP&DD	0	1	0	0	0	0	1	0	0	1	0	0
Public Health	0	0	1	0	1	0	0	0	0	0	0	1
C & W	0	1	0	0	0	0	1	0	0	0	0	1
Total (n)	6	18	5	6	6	10	17	1	1	19	7	9
(%)	17.1	51.4	14.3	17.1	17.1	28.6	48.6	2.9	2.9	54.3	20.0	25.8
(%)	100%			100%			100%			100%		

Table 4.46 Availability of Finances for Data Collection, Analysis and Reporting in Statistical Cells

Departments	Finances for Data collection			Finances for analysis			Finances for reporting			Total	%
	No	Yes	NA	No	Yes	NA	No	Yes	NA		
Mines & Minerals	0	1	0	0	1	0	0	1	0	3	100.0
Agriculture	1	0	0	0	0	1	0	1	0	1	33.3
Cooperative Societies	1	0	0	1	0	0	0	0	1	0	0.00
Education School	0	1	0	0	1	0	0	1	0	3	100.0
Social Welfare	1	0	0	1	0	0	1	0	0	0	0.0
Law & Parliamentary	1	0	0	1	0	0	1	0	0	0	0.0
Women Development	1	0	0	1	0	0	1	0	0	0	0.0
S&GAD	1	0	0	0	1	0	0	1	0	2	66.7
Fisheries	1	0	0	1	0	0	1	0	0	0	0.0
BoS	0	1	0	1	0	0	0	1	0	2	66.7
Youth Affairs	1	0	0	1	0	0	1	0	0	0	0.00
Sports	1	0	0	1	0	0	1	0	0	0	0.00
Irrigation	1	0	0	1	0	0	1	0	0	0	0.00
Food	0	1	0	0	1	0	0	1	0	3	100.0
Finance	0	1	0	0	1	0	0	0	1	2	66.7
Inter-provincial	0	0	1	0	0	1	0	0	1	0	0.0
Information	0	0	1	0	0	1	0	0	1	0	0.0
Health	0	1	0	0	1	0	0	1	0	3	100.0
Religious Affairs	0	0	1	0	0	1	0	0	1	0	0.0
Minorities	0	0	1	1	0	0	1	0	0	0	0.0
Industries and commerce	0	1	0	1	0	0	1	0	0	1	33.3
Transport/PTA	1	0	0	1	0	0	1	0	0	0	0.0
Culture & Tourism	1	0	0	1	0	0	0	1	0	1	33.3
Local Govt. Board	1	0	0	1	0	0	1	0	0	0	0.0
Higher Education	1	0	0	1	0	0	1	0	0	0	0.0
Population Welfare	1	0	0	0	1	0	1	0	0	1	33.3
Labour and Manpower	1	0	0	1	0	0	1	0	0	0	0.0

Departments	Finances for Data collection			Finances for analysis			Finances for reporting			Total	%
	No	Yes	NA	No	Yes	NA	No	Yes	NA		
Local Govt./Rural Dev.	0	1	0	0	1	0	0	1	0	3	100.0
Sui Gas	0	1	0	0	1	0	0	1	0	3	100.0
Forest	0	0	1	0	1	0	0	1	0	2	66.7
Climate Change/EPA	0	1	0	0	1	0	0	1	0	3	100.0
Live stock	1	0	0	1	0	0	0	1	0	1	33.3
UP&DD	1	0	0	1	0	0	1	0	0	0	0.0
Public Health	1	0	0	0	1	0	0	0	1	1	33.3
C & W	1	0	0	1	0	0	0	0	1	0	0.0
Total (n)	20	10	5	19	12	4	15	13	7		
(%)	57.1	28.6	14.3	54.3	34.3	11.4	42.9	37.1	20.0		
(%)	100%			100%			100%				

Table 4.47 SDG Awareness Among the HR of the Statistical Cell in Line Departments

Departments	SDGs Awareness	Policy Support from Department	Data Alignment with SDGs	Received Trained about SDGs	Received SDGs' Awareness Material	Level		
	Agreement Level Lowest to Highest (0-1)							
	Ave.	Ave.	Ave.	Ave.	Ave.	Score	Ave.	Level
Mines & Minerals	1	0.2	0.8	0.8	0.8	3.6	0.72	High
Agriculture	0.8	1	1	0.6	0.4	3.8	0.76	High
Cooperative Societies	1	1	1	1	1	5	1	High
Secondary Education	0.8	0.8	0.8	0.8	0.8	4	0.8	High
Social Welfare	1	1	1	1	1	5	1	High
Law & Parliamentary	0.8	0.8	0.2	0.4	0.4	2.6	0.52	Medium
Women Development	0.8	0.2	0.6	0.8	1	3.4	0.68	Medium
Transport/PTA	0.8	0.2	0.2	0.2	0.8	2.2	0.44	Medium
Fisheries	0.8	0.2	1	0.4	0.8	3.2	0.64	Medium
BoS	0.8	0.8	0.8	0.8	0.8	4	0.8	High
Youth Affairs	0.2	0.2	0.2	0.2	0.2	1	0.2	Low
Sports	0.8	0.8	0.8	0.8	0.8	4	0.8	High
Irrigation	1	1	1	1	1	5	1	High
Food	0.8	0.2	0.4	1	0.8	3.2	0.64	Medium
Finance	0.2	0.2	0.2	0.2	0.6	1.4	0.28	Low
Inter-provincial	0.6	0.6	0.6	0.6	0.6	3	0.6	Medium
Information	0.6	0.6	0.6	0.6	0.6	3	0.6	Medium
Health	0.4	0.8	0.8	0.2	0.2	2.4	0.48	Medium
Religious Affairs	0.4	0.4	0.2	0.2	0.4	1.6	0.32	Low
Minorities	1	0.2	0.2	0.4	0.2	2	0.4	Medium
Industries & Commerce	1	1	0.8	1	0.8	4.6	0.92	High
Transport/PTA	0.2	0.2	0.2	0.2	0.2	1	0.2	Low
Culture & Tourism	1	0.4	0.4	0.4	0.4	2.6	0.52	Medium
Local Govt. Board	1	0.4	0.4	1	0.4	3.2	0.64	Medium
Higher Education	1	0.8	0.2	0.2	0.2	2.4	0.48	Medium
Population Welfare	1	0.4	0.8	1	0.8	4	0.8	High
Labour and Manpower	0.2	0.2	0.2	0.2	0.2	1	0.2	Low
Local Govt/Rural Dev.	0.4	0.4	0.4	0.4	0.8	2.4	0.48	Medium
Sui Gas	0.4	0.4	0.4	0.4	0.2	1.8	0.36	Medium
Forest	1	0.2	0.8	0.8	0.4	3.2	0.64	Medium
Climate Change/EPA	0.8	0.6	0.6	0.8	0.4	3.2	0.64	Medium
Livestock	0.4	0.2	0.8	0.4	0.2	2	0.4	Medium
UP&DD	0.8	0.4	0.8	0.4	0.4	2.8	0.56	Medium
Public Health	0.8	0.8	0.2	0.4	0.8	3	0.6	Medium
C&W Department	0.8	0.4	0.8	0.4	0.4	2.8	0.56	Medium
Total Score	25.4	18	20.2	20	19.8			
Average	0.73	0.51	0.58	0.57	0.57			

Chapter 5

Alignment of Data in Development Statistics with SDGs

5.1 Description of Development Statistics (DS)

The Bureau of Statistics (BoS) Balochistan publishes the data related to Balochistan province in a publication known as Development Statistics (DS) each year. The DS is main publication of the BoS Balochistan besides a brochure known as Balochistan at a Glance. The DS is based on the secondary data collected from the line departments of Government of Balochistan. The DS data is collected by the BoS through written correspondence with the line departments. The published data in the DS is related to important sectors such as agriculture, area and population, development panning, cooperative societies, education, food, prices of commodities, fisheries, livestock, mines and minerals, public health engineering, industries, forestry, fuel and power, climate, social welfare, roads and transport, crimes and accidents. In addition, the BoS also collects the provincial data for the DS from federal organisations such as Pakistan Post, Railways, telecommunication, and Sui Southern Gas. The majority of the DS data is published in a raw form. However, few of the variables are in standardised formats such as rate, average, and percentage. The DS data is likely to inform policymaking and planning processes. Moreover, it is a legal responsibility of the BoS, as the provincial statistical authority, to ensure that collection of statistical data is in accordance with practices and standards of the United Nations and other international bodies for the purpose of fulfilling the international obligations of Pakistan in the field of statistics. For this purpose, an assessment of the alignment of the DS data with the Sustainable Development Goals (SDGs) is mandatory in order to explore the existing gaps.

5.2 Alignment of Development Statistics Data with SDGs

The data in Annexure 5 shows the assessment of the alignment of the Development Statistics (DS) data with Sustainable Development Goals (SDGs). The DS data is used for reporting of the SDGs at provincial level. This study has compared the DS data for the years 2017-18 with the targets and indicators of the SDGs to assess their alignment and gaps. For this purpose, the data are distributed in the following four categories.

- Aligned: The indicator of the DS that is fully aligned with the respective indicator of the SDGs
- Partially Aligned: The indicator of the DS that is partially aligned with the respective indicator of the SDGs
- Not Aligned: The indicator of the DS that is not aligned with the respective indicator of the SDGs
- Institutional data: The data are used for departmental purposes and are not at all aligned with any indicator of the SDGs.

5.2.1 Aligned

The analysis of data in Table 5.1 shows that the indicators of nine (09) departments were somehow aligned with targets and indicators of the SDGs. For instance, out of the total 46 indicators of the Agriculture Department, only 2 are aligned with targets and indicators of the SDGs. Moreover, Labour and Manpower department has 7 SDGs aligned targets and indicators out of 13 indicators. Further, Crimes and Accidents data has 1 SDG aligned indicator out of 2. Besides, the Sui Gas Department also has 1 SDG aligned indicator out of 2. The Finance Department has 3 SDGs aligned indicators out of 18. Moreover, the Forestry Department also has 1 SDG aligned indicator out of 2. While the Health Department has 2 SDGs aligned indicators out of 10 indicators. Moreover, Industries & Commerce Department also has 1 SDG aligned indicator out of 2. Most importantly, the Pakistan Bureau of Statistics has only 2 SDGs aligned indicators out of 22 indicators. In summary, out of 192 SDGs aligned indicators in the DS, only 20 (10.4%) are the SDGs aligned and reported in the DS.

5.2.2 Partially Aligned

The analysis of the data in Table 5.1 shows that the indicators of only 9 departments were partially aligned with the goals and indicators of the SDGs. For instance, the Agriculture Department has 35 out of 46 indicators partially aligned with the SDGs. Similarly, the Education Department has 27 out of 40 indicators partially aligned with the SDGs. Moreover, the Fisheries Department also had 3 partially aligned SDGs indicators out of 5 reported in the DS. Besides, the Registrar Cooperative Societies Department has both of

its indicators partially aligned with the SDGs. Furthermore, the Development Planning Department also has its all 4 indicators partially aligned with the SDGs. Besides that, both of Sui Gas and Industries & Commerce departments have their 1 out of 2 Indicators partially aligned with the SDGs. Health Department also has 1 partially aligned SDG indicator out of its 10 indicators reported in the DS. The Finance Department also has 6 partially aligned indicators out of its 18 indicators. Most importantly, the Pakistan Bureau of Statistics has 5 partially aligned SDGs indicators out of 22 reported indicators in the DS. In conclusion, out of 192 SDGs aligned indicators in the DS, 85 (44.3%) are partially aligned with the SDGs and reported in the DS.

5.2.3 Not Aligned

The analysis of the data in Table 5.1 shows that besides four (04) departments Registrar Cooperative Societies, Development Planning, Sui Gas, and Industries & Commerce, all the departments have reported the indicators which are not at all aligned with the SDGs. The departments of Livestock, Mines & Minerals, Public Health Engineering (PHE), Road & Transport/C&W, Energy/ Fuel & Power, Climate and Railways have reported all their indicators which are not at all aligned with the SDGs. In summary, out of 192 SDGs aligned indicators in the DS, 87 (45.3) are not at all aligned with the SDGs.

5.3 Ranking of Line Departments based on Data Alignment with SDGs

5.3.1 Not at All Aligned Departments

The analysis of the data published in Development Statistics (DS) (Table 5.1) showed that the provincial data of seven departments such as Livestock Department (7 variables), Mines & Minerals Department (4 variables), Public Health Engineering (PHE) (2 variables), Road & Transport/C&W (1 variable), Climate (4 variables) and Railways (2 variables) were found to be 'Not at all Aligned' with targets and indicators of the SDGs.

5.3.2 Low Aligned Departments

The alignment ranking of the following sources: Fisheries, Agriculture, Registrar Cooperative Societies, Crimes and Accidents, Development Planning, Sui Gas, Health, Pakistan Bureau of Statistics were found to be "low". (Table 5.1)

5.3.3 Moderately Aligned Departments

The data of Education, Forestry, Finance, and Industries & Commerce were found to be moderately aligned with the SDGs. (Table 5.1)

5.3.4 Highly Aligned Department

The data of only one department i.e., the Labour and Manpower was found to be highly aligned with the SDGs. (Table 5.1)

Table 5.1 Ranking of Line Departments based on Data Alignment with SDGs

S#	Department	Total indicators in DS	Aligned	Partially Aligned	Not Aligned	Alignment Ranking
1.	Livestock	7	0	0	7	Not at all
2.	Mines & Minerals	4	0	0	4	Not at all
3.	Public Health Engineering (PHE)	2	0	0	2	Not at all
4.	Road & Transport/C&W	1	0	0	1	Not at all
5.	Climate	4	0	0	4	Not at all
6.	Railways	2	0	0	2	Not at all
7.	Energy/ Fuel & Power	4	0	0	4	Not at all
8.	Fisheries	5	0	3	2	Low
9.	Agriculture	46	2	35	9	Low
10.	Registrar Cooperative Societies	2	0	2	0	Low
11.	Crimes and Accidents	2	1	0	1	Low
12.	Development Planning	4	0	4	0	Low
13.	Sui Gas	2	1	1	0	Low
14.	Health	10	2	1	7	Low

15.	Pakistan Bureau of Statistics	22	2	5	15	Low
16.	Education	40	0	27	13	Moderate
17.	Forestry	2	1	0	1	Moderate
18.	Finance	18	3	6	9	Moderate
19.	Industries & Commerce	2	1	1	0	Moderate
20.	Labour & Manpower	13	7	0	6	High
21.						
	Total (n)	192	20	85	87	
	(%)	100	10.4	44.3	45.3	

5.4 Overall Alignment of Development Statistics with SDGs

The results in Figure 5.1 and Figure 5.2 show that out of the total 192 indicators reported by the BoS in Development Statistics (DS), 20 (10.4%) are fully aligned, 85(44.3%) are partially aligned whereas 87(45.3%) are not at all aligned with indicators of the SDGs.

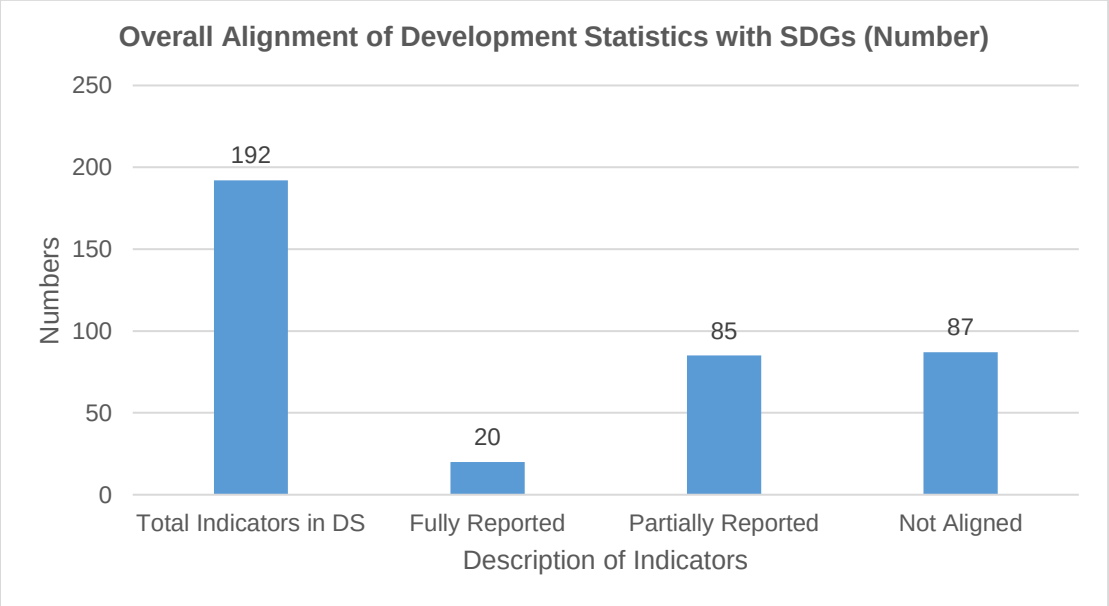


Figure 5.1 Overall Alignment of Development Statistics with SDGs (Numbers)

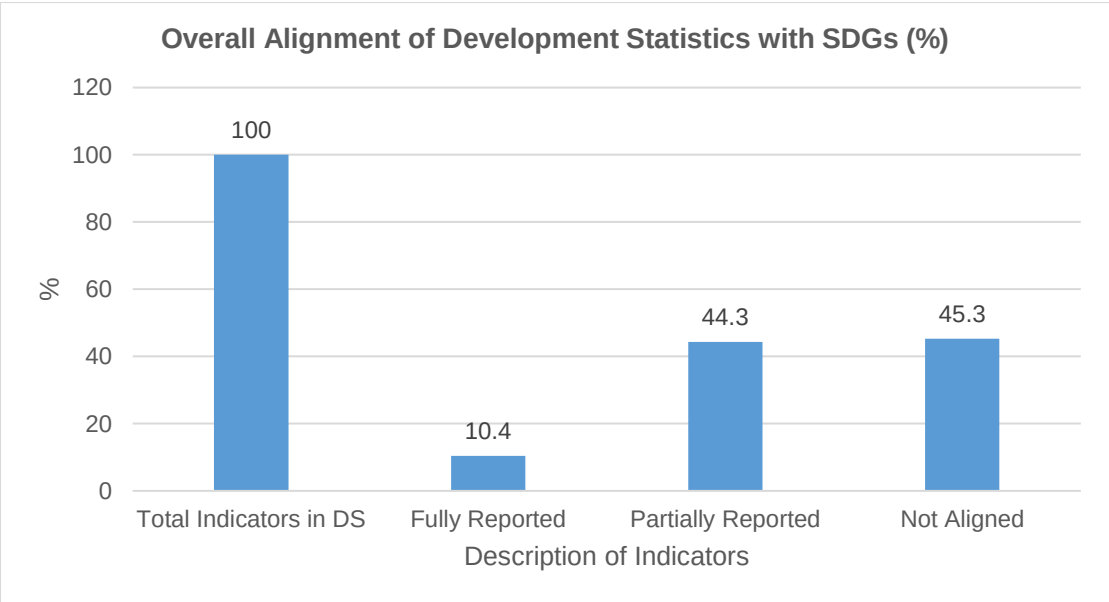


Figure 5.2 Overall Alignment of Development Statistics with SDGs (Percentage)

5.5 Description of Relevant SDGs and Indicators with Line Departments

Before capacity development of the statistical cells of the line departments for improving monitoring and reporting of the SDGs, it is important to analyse the relevant targets, and indicators of the SDGs with the line departments. This section of analysis shows a review of the line departments with their relevant SDGs, targets and indicators. This analysis will help the departments realise their responsibility for collection of the data on relevant SDGs, targets, and indicators.

Table 5.2 Description of Relevant SDGs and Indicators with Line Departments

S #	Departments	Relevant SDG Indicators
1.	Mines & Minerals	1.a.2,
2.	Agriculture	2.1.1, 2.1.2, 2.3.1, 2.3.2, 2.4.1,2.5.1,2.a.1,2.a.2,2.b.1,2.c.1
3.	Registrar Cooperative Societies	0
4.	Secondary Education School Department	4.1.1, 4.2.1, 4.2.2, 4.3.1,4.4.1 4.5.1, 4.6.1,4.7.1, 4.a.1, 4.b.1, 4.c.1, 12.8.1, 13.3.1
5.	Social Welfare, Special Education, Literacy, Non-Formal and Human Rights Department.	1.1.1, 1.2.1, 1.2.2, 1.4.1, 1.b.1, 10.2.1, 10.3.1, 16.2.3, 16.6.2
6.	Law & Parliamentary Affairs	5.a.2 10.3.1 11.7.1
7.	Women Development Department	1.b.1 5.2.1, 5.2.2, 5.3.1, 5.3.2, 5.5.1, 5.6.1, 11.7.2 16.2.3
8.	Services & General Administration	N/A
9.	Fisheries	14.1.1, 14.2.1, 14.3.1, 14.4.1, 14.5.1, 14.7.1, 14.a.1
10.	Youth Affairs	8.9.1, 8.9.2, 11.4.1, 12. b.1
11.	Sports	12.b.1
12.	Irrigation Department	2.5.1, 2.b.1 6.4.1, 6.4.2 12.5.1
13.	Food Department	2.1.1, 2.1.2, 2.3.2, 2.c.1, 12.3.1
14.	Finance department	1.5.3, 1. a.1, 8.1.1, 8.3.1, 10.5.1, 16.6.1, 17.3.1, 17.10.1, 17.12.1
15.	Health Department	2.2.1 3.1.1 , 3.1.2, 3.2.1,3.2.2,3.3.1,3.3.2,3.3.3, 3.3.4, 3.3.5, 3.4.1, 3.4.2, 3.5.1, 3.5.2, 3.6.1, 3.7.1, 3.7.2, 3.8.1, 3.9.3,3.b.2,3.b.1, 3.b.3, 3.c.1, 3.d.1, 3.d.2, 11.5.1, 11.5.2, 13.1.1
16.	Religious Affairs Department	10.3.1
17.	Minorities Department	10.3.1
18.	Industries and Commerce	8.10.1, 8.10.2, 8.a.1, 8. b.1 9.2.1, 9.2.2, 9.3.1, 9.3.2, 9.5.1, 9.5.2, 9.b, 12.4.1,
19.	Provincial Transport Authority (PTA) Balochistan	11.2.1, 17.8.1
20.	Culture and Tourism Department	8.9.1,8.9.2 11.4.1 12.b.1
21.	Local Government Department	3.8.1, 3.b.3

		4.3.1, 4.a.1 6.b.1 11.1.1, 11.6.1, 11. b.1
22.	Higher Education Technical Department	4.3.1,4.4.1,4.5.1,4.6.1,4.7.1,4. b.1, 12.8.1
23.	Directorate General of Population Welfare	1.1.1,1.2.1,1.2.2,1.3.1,1.4.1,1. a.1,1. a.2,1. b.1, 3.1.2 4.1.1 5.3.1 6.1.1, 8.5.2, 8.6.1,8.7.1, 10.2.1,10.3.1, 16.2.3,16.3.1
24.	Labour and Manpower	8.3.1,8.5.1,8.8.1,8.8.2,8.b.1
25.	Local Govt/Rural Development	3.8.1, 3.b.3 4.3.1, 4.a.1 6.b.1 11.1.1, 11.6.1, 11. b.1
26.	Sui Gas	1.4.1 12.c.1
27.	Forest Department	.3.1,2.5.1,2.5.2, 15.1.1,15.1.2,15.2.1,15.3.1, 15.4.1,15.4.2,15.5.1
28.	Environmental Protection Agency (EPA)	3.9.1 9.4.1 11.6.2 12.4.1,12.4.2,12.8.1 15.1.
29.	Livestock	2.1.2,2.3.1,2.5.2
30.	PHE	6.1.1, 6.3.1, 6.3.2, 6.4.1, 6.4.2, 6.5.2, 6.6.1, 6. a.1, 6.b.1, 12.4.1, 12.4.2,
31.	Urban Planning & Development Department	1.4.1,1.4.2, 11.1.1,11.3.1,11.3.2,11.7.1,11.a.1,11.c.1
32.		1.4.1, 1.4.2, 9.1.1, 9.1.2, 9. a.1, 9. c.1 11.2.1, 11.c.1,
33.	Communication & Works (C&W)	1.4, 1.4.1, 1.4.2 9.1, 9. a, 9.c, 9.1.1, 9.1.2, 9. a.1, 9. c.1 , 11.2, 11.c, 11.2.1, 11.c.1,

Chapter 6

Mapping of Official Data Sources against each Indicator of SDGS

This chapter elaborates administrative levels and official data sources against targets and indicators of the SDGs. This analysis would help the Bureau of Statistics (BoS), Balochistan and the line departments of Government of Balochistan to plan for improving the existing monitoring and reporting of the SDGs in the province.

6.1 Goal-1: No Poverty

Goal-1: No poverty is about ending poverty in all forms from everywhere. Goal-1 has 8 targets, 14 indicators. The administrative level of 13 indicators is the district level, and one is of provincial level. The concerned departments for this goal include the Pakistan Bureau of Statistics (PBS), Social Welfare Department, Population Welfare Department, Water and Sanitation Authority (WASA), Water and Power Development Authority (WAPDA), Quetta Development Authority (QDA), Balochistan Development Authority (BDA), Sui Gas, Gwadar Development Authority (GDA), (UP&DD), Land & Revenue, Finance Division, Provincial Disaster Management Authority (PDMA), National Disaster Management Authority (NDMA), Planning and Development Department (P&DD), Women Development and Mines & Minerals.

Official Data Sources for Goal-1

- Household Integrated Economic Survey (HIES)
- Pakistan Bureau of Statistics (PBS)
- Pakistan Social & Living Standard Measurement Survey (PSLSM)
- National Disaster Management Authority (NDMA)
- Provincial Disaster Management Authority (PDMA)
- Economic Survey of Pakistan (ESP)
- Pakistan Economic Survey (PES)
- Pakistan Demographic and Health Survey (PDHS)

6.2 Goal-2: Zero Hunger

Goal-2: Zero hunger is about Ending hunger, achieve food security and improved nutrition and promote sustainable agriculture. Goal-1 has 8 targets, 13 indicators. The administrative level of 9 indicators is the district level; 2 indicators are of provincial level, and 2 indicators are of national level. The concerned departments are Agriculture Department, Food Department, Livestock Department, Health Department, Forestry Department, Fisheries Department, and Irrigation Department.

Official Data Sources for Goal-2

- Multiple Indicator Cluster Survey (MICS)
- National Nutrition Survey (NNS)
- State Bank of Pakistan (SBP)
- Project to Improve Financial Reporting and Auditing (PIFRA)
- Employment Authorization Document (EAD)
- Pakistan Demographic and Health Survey (PDHS)
- Pakistan Social & Living Standard Measurement Survey (PSLSM)
- Pakistan Economic Survey (PES)
- Household Integrated Economic Survey (HIES)

6.3 Goal-3: Good Health

Goal-3: Good health is about ensuring healthy lives and promoting well-being for all ages. Goal-3 has 13 targets and 27 indicators. The administrative level of 24 indicators is the district level, and 2 are of provincial level and one is of national level. The concerned departments are Health Department, Water and Sanitation Authority (WASA), Anti-Narcotics Department and Environmental Protection Agency (EPA).

Official Data Sources for Goal-2

- Pakistan Demographic and Health Survey (PDHS)
- Pakistan Maternal Mortality Survey (PMMS)

- Pakistan Integrated Household Survey (PIHS)
- Multiple Indicator Cluster Survey (MICS)
- Pakistan Demographic and Health Survey (PDHS)
- Pakistan Social & Living Standard Measurement Survey (PSLSM)
- National Aid Control Programme (NACP)
- National TB Control Program (NTP)
- Environmental Protection Agency (EPA)
- Diabetes Prevalence Survey of Pakistan (DPS- PAK)
- Narcotics Control Division of Ministry of Interior
- Finance Department
- National AMR Surveillance System
- World Health Organization (WHO), Global Assessment of Environmental Risk
- Creditor Reporting System (CRS)
- National Census

6.4 Goal-4 Quality Education

Goal-4: Quality Education is about ensuring inclusive and equitable quality education and promoting life-long learning opportunities for all. Goal-4 has 10 targets, 11 indicators. The administrative level of 10 indicators is the district level and one is of national level. The concerned departments are Higher Secondary Education Department and Education Department.

Official Data Sources for Goal-4

- Pakistan Social & Living Standard Measurement (PSLM)
- Pakistan Economic Survey (PES)
- Annual Survey of Education Report (ASER)
- National Education Assessment System (NEAS)
- Pakistan Demographic and Health Survey (PDHS)
- Multiple Indicator Cluster Survey (MICS)
- Employment Authorization Document (EAD)

6.5 Goal-5: Gender Equality

Goal-5: Gender Equality is about achieving gender equality and empowering all women and girls. Goal-5 has 9 targets and 14 indicators. The administrative level of 11 indicators is the district level, 2 are of provincial level, and one is of national level. The concerned departments are Women Development Department and Law Parliamentary Affairs Department.

Official Data Sources for Goal-5

- Pakistan Demographic and Health Survey (PDHS)
- Convention on the Elimination of All Forms of Discrimination Against Women (CEDAW)
- Human Rights Commission of Pakistan (HRCP)
- National/Provincial Assemblies of Pakistan
- Pakistan Bureau of Statistics (PBS)
- Pakistan Social & Living Standard Measurement (PSLM)
- Household Integrated Economic Survey (HIES)

6.6 Goal-6: Clean Water and Sanitation

Goal-6 Clean Water and Sanitation is about ensuring availability and sustainable management of water and sanitation for all. Goal-6 has 8 targets and 11 indicators. The administrative level of 7 indicators is the district level, and 1 is of provincial level, and 3 are of national level. The concerned departments are Water and Power Development Authority (WAPDA), Water and Sanitation Authority (WASA), Public Health Engineering (PHE), Population Welfare Department, Irrigation Department, Forest Department, and Environmental Protection Agency (EPA).

Official Data Sources for Goal-6

- Multiple Indicator Cluster Survey (MICS)

- Pakistan Social & Living Standard Measurement (PSLM)
- Pakistan Demographic and Health Survey (PDHS)
- Provincial Disaster Management Authority (PDMA)
- Pakistan Bureau of Statistics (PBS)
- Pakistan Economic Survey (PES)
- UN Environment Programme
- Integrated Water Resource Management (IWRM)

6.7 Goal-7: Affordable and Clean Energy

Goal-7: Affordable and Clean Energy is about ensuring access to affordable, reliable, sustainable, and modern energy for all. Goal-7 has 5 targets and 6 indicators. The administrative level of 2 indicators is the district level, and 2 are of provincial level and one is of national level and one is of global. The concerned departments are Energy Department, Water and Power Development Authority (WAPDA), and Quetta Electric Supply Company (QESCO).

Official Data Sources for Goal-7

- Pakistan Demographic and Health Survey (PDHS)
- Multiple Indicators Cluster Survey (MICS)
- National Economic Council (NEC)
- Annual Questionnaire Cycle

6.8 Goal-8: Decent Work and Economic Growth

Goal-8: Decent Work and Economic Growth is about promoting sustained, inclusive, and sustainable economic growth, full and productive employment, and decent work for all. Goal-8 has 12 targets and 17 indicators. The administrative level of 8 indicators is the district level, and 6 are of provincial level, 2 are of national level and 1 is of global level. The concerned departments are the Pakistan Bureau of Statistics (PBS), Finance Department, Planning and Development Department (P&DD), Culture and Tourism Department, Labour and Manpower, Bureau of Statistics (BoS), Population Welfare Department, and Industries and Commerce Department.

Official Data Sources for Goal-8

- Pakistan Economic Survey (PES)
- Household Integrated Economic Survey (HIES)
- National Economic Council (NEC)
- Labour Force Survey (LFS)
- Pakistan Social & Living Standard Measurement (PSLM)
- Ministry of Overseas Pakistan and Human Resource Development
- National Accounts
- State Bank of Pakistan (SBP)
- Annual Budget Statement
- Employment Authorization Document (EAD)

6.9 Goal-9: Industry, Innovation and Infrastructure

Goal- 9: Industry, Innovation, and Infrastructure is about building resilient infrastructure, promoting inclusive and sustainable industrialisation, and foster innovation. Goal-9 has 8 targets and 12 indicators. The administrative level of 4 indicators is the district level, and 7 are of provincial level and one is of national level. The concerned departments are Communication and Works Department, Railways, Industries and Commerce, Environmental Protection Agency (EPA), Planning and Development Department (P&DD), Labour & Manpower, and Transport Department.

Official Data Sources for Goal-9

- Pakistan Social & Living Standard Measurement (PSLM)
- Pakistan Bureau of Statistics (PBS)
- Pakistan Economic Survey (PES)
- Compendium of Environmental Statistics

- Annual Budget Statement
- State Bank of Pakistan (SBP)
- Employment Authorization Document (EAD)
- Pakistan Telecommunication Authority (PTA)

6.10 Goal-10: Reduced Inequalities

Goal-10: Reduced Inequalities is about reducing inequality within and among countries. Goal-10 has 10 targets and 11 indicators. The administrative level of 4 indicators is the district level, and 1 is of global level, and 6 are of national level. The concerned departments are Pakistan Bureau of Statistics (PBS), Bureau of Statistics (BoS), Population Welfare Department, Social Welfare Department, Home Department, Labour and Manpower Department, Finance Department, Board of Revenue and Planning and Development Department (P&DD).

Official Data Sources for Goal-10

- Household Integrated Economic Survey (HIES)
- Pakistan Economic Survey (PES)
- Benazir Income Support Program (BISP)
- Multiple Indicator Cluster Survey (MICS)
- Labour Force Survey (LFS)
- Pakistan Bureau of Statistics (PBS)
- FAS by Gallup Pakistan
- United Nations Human Rights Commission (UNHCR)
- State Bank of Pakistan (SBP)
- Employment Authorization Document (EAD)

6.11 Goal-11: Sustainable Cities and Communities

Goal-11: Sustainable Cities and Communities is about making cities and human settlements inclusive, safe, resilient, and sustainable. Goal-11 has 10 targets and 15 indicators. The administrative level of 14 indicators is the district level and 1 is of provincial level. The concerned departments are Planning and Development Department (P&DD), Quetta Development Authority (QDA), Balochistan Development Authority (BDA), Provincial Transport Authority, Balochistan, Road Transport Authority, Pakistan Bureau of Statistics (PBS), Bureau of Statistics (BoS), Gwadar Development Authority (GDA), Culture, Tourism and Archive Department, Health Department, National Disaster Management Authority (NDMA), Provincial Disaster Management Authority (PDMA), Environmental Protection Agency (EPA), Metropolitan Corporation Quetta (MCQ), Home Department, Women Development and Communication and Works Department.

Official Data Sources for Goal-11

- Household Integrated Economic Survey (HIES)
- Pakistan Social & Living Standard Measurement (PSLM)
- Multiple Indicator Cluster Survey (MICS)
- Pakistan Economic Survey (PES)
- SUPARCO, Pakistan
- Capital Administration and Development Division (CADD)
- Demand for Grants Book of Ministry of Finance
- National Disaster Management Authority (NDMA)
- Environmental Protection Agency (EPA)
- Capital Administration and Development Division
- Pakistan Demographic and Health Survey (PDHS)
- PDA Secretariat, (Pakistan Development Alliance)

6.12 Goal-12: Responsible Consumption

Goal-12: Responsible Consumption is about ensuring sustainable consumption and production patterns. Goal- has 11 targets and 13 indicators. The administrative level of 4 indicators is the district level, and 4 are of provincial level and 5 are of national level. The concerned departments are National Government, Pakistan Bureau of Statistics (PBS), Bureau of Statistics (BoS), Food Department, Environmental Protection

Agency (EPA), Public Health Engineering (PHE), Industries & Commerce Department, Irrigation Department, Education Department, Water and Power Development Authority (WAPDA) and Culture and Tourism Department.

Official Data Sources for Goal-12

- Pakistan Bureau of Statistics (PBS)
- Pakistan Economic Survey (PES)
- World Food Program (WFP)
- Securities and Exchange Commission of Pakistan (SECP)
- Pakistan Social & Living Standard Measurement (PSLM)
- Higher education Commission (HEC)

6.13 Goal-13: Climate Action

Goal-13: Climate Action is about taking urgent action to combat climate change and its impacts by regulating emissions and promoting developments in renewable energy. Goal-13 has 5 targets and 8 indicators. The administrative level of 1 indicator is the district level, and 1 is of provincial level, 2 are of national level and 4 are of global level. The concerned departments are National Disaster Management Authority (NDMA), Health Department, Provincial Disaster Management Authority (PDMA), Environmental Protection Agency (EPA), Higher Secondary Education Department, Higher and Technical Education Department, and Inter-Governmental Relations.

Official Data Sources for Goal-13

- National Disaster Management Authority (NDMA)
- Provincial Disaster Management Authority (PDMA)
- Voluntary National Review (VNR)
- Employment Authorization Document (EAD)

6.14 Goal-14: Life Below Water

Goal-14: Life Below Water is about conserving and sustainably using the oceans, seas, and marine resources for sustainable development. Goal-14 has 10 targets and 10 indicators. The administrative level of 3 indicators is provincial and 7 are of national level. The concerned departments are Mercantile Marine Department and Fisheries Department.

Official Data Sources for Goal-14

- National Economic Council (NEC)
- National Institute of Oceanography
- Fish Stocks Assessment Survey
- Water and Power Development Authority (WAPDA)
- SDGs Support Unit
- Economic Survey of Pakistan (ESP)
- Higher Education Commission (HEC)
- International Maritime Organization

6.15 Goal-15: Life on Land

Goal-15: Life on Land is about protecting, restoring and promoting sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss. Goal-15 has 12 targets and 14 indicators. The administrative level of 2 indicators is the district level, and 5 are of provincial level and 7 are of national level. The concerned departments are Forest & Wildlife Department and Environmental Protection Agency (EPA).

Official Data Sources for Goal-15

- Pakistan Economic Survey (PES)
- International Union for Conservation for nature (IUCN) Pakistan
- World Health Organization (WHO)
- Ministry of Climate Change, Government of Pakistan

- Zoological Survey of Pakistan
- Project to Improve Financial Reporting and Auditing (PIFRA)
- Food and Agriculture Organization (FAO)
- World Wildlife Fund (WWF) Pakistan

6.16 Goal-16: Peace and Justice

Goal-16: 'Peace and Justice' is about promoting peaceful and inclusive societies for sustainable development, providing access to justice for all, and build effective, accountable, and inclusive institutions at all levels. Goal-16 has 12 targets and 23 indicators. The administrative level of 17 indicators is the district level, and 2 are of provincial level and 4 are of national level. The concerned departments are Home Department, Prosecution Department, Women Development Department, Social Welfare Department, Population Welfare Department, Law & Parliamentary Affairs, Health Department, and Police Department.

Official Data Sources for Goal-16

- Pakistan Bureau of Statistics (PBS)
- Pakistan Demographic and Health Survey (PDHS)
- Multiple Indicator Cluster Survey (MICS)
- National Economic Council (NEC)
- State Bank of Pakistan (SBP)
- Ministry of Interior (Federal Level) and Home Department
- Gallup Pakistan
- Project to Improve Financial Reporting and Auditing (PIFRA)
- Transparency International Pakistan
- S&GAD and Establishment Division
- Ministry of Information & Broadcasting
- Ministry of Human Rights

6.17 Goal-17: Partnerships for the Goals

Goal-17: Partnerships for the Goals is about strengthening the means of implementation and revitalising the global partnership for sustainable development. Goal-17 has 19 targets and 25 indicators. The administrative level of 3 indicators is the district level, and 4 are of provincial level and 14 are of national level and 4 are of global level. The concerned departments are the Federal Board of Revenue (FBR), Ministry of Finance, Pakistan Telecommunication Authority (PTA), Ministry of Science & Information Technology, Industries and Commerce Department, Planning and Development Department (P&DD), and Pakistan Bureau of Statistics (PBS).

Official Data Sources for Goal-17

- Voluntary National Review (VNR) Pakistan
- Pakistan Social & Living Standard Measurement (PSLM)
- Household Integrated Economic Survey (HIES)
- Pakistan Economic Survey (PES)
- Broadband Subscriber Survey
- Pakistan Demographic and Health Survey (PDHS)
- Pakistan Telecommunication Authority (PTA)
- Pakistan Bureau of Statistics (PBS)
- Multiple Indicator Cluster Survey (MICS)

6.18 Conclusion

In this chapter, the official data sources of the targets and indicators of SDGs are analysed. Besides, departmental data collected at national and provincial levels, the data collected through periodic surveys are also sued to report the SDGs.

Chapter 7

Recommendations

In this section, the way forward and recommendations for enhancing capacity of the Bureau of Statistics (BoS), Balochistan and statistical cells in the line departments have been suggested with a view to improving monitoring and reporting of the SDGs.

7.1 Way Forward

This capacity needs assessment (CNA) mentions that the existing data management system of the BoS Balochistan and statistical cells in the line departments is not at all aligned with the targets and indicators of the SDGs. Moreover, the data produced by the BoS do not play a vital role in planning and development needs of the province. The Bureau of Statistics (BoS) Balochistan needs complete restructuring of its organisational structure, revamping of its acts and rules of business to ensure reporting of regular, standardised, and the SDGs aligned data which could be used for policymaking, planning and development of the province as well as reporting the provincial representation in the ranking of international development organisations. In addition, development, strengthening, and the SDGs aligned data management system in the statistical cells in the line departments will, on the one hand, ensure the strengthening of the BoS while on the other hand, achieve the objective of the SDGs aligned data reporting.

7.2 Recommendations for Strengthening of BoS Balochistan

The recommendations for the restructuring and revamping of the BoS can be divided into following short-term, and long-term strategies.

Short-term Strategies

1. Strengthening statistical section of the BoS
2. Strengthening statistical cells of the line departments as a base priority
3. Providing financial authority to the BoS
4. Provision of IT equipment
5. Trainings for capacity development of the BoS and statistical cells of the line departments
6. SDGs aligned data collection and reporting
7. Establishments of official website
8. Annual work plans for the BoS
9. Awareness trainings about the SDGs
10. Downsizing of unnecessary administrative staff
11. Re-designation of vacant posts at the BoS

Long-term Strategies

1. Complete revival of the BoS
2. Restructuring and revamping of the BoS
3. Provision of sufficient physical infrastructure
4. Proper coordination between the BoS and the Pakistan Bureau of Statistics
5. Proper mechanism for data quality control
6. Automation of data collection process
7. Development of management information system (MIS)
8. Capacity development for primary data collection
9. Training conducting capacity development of the BoS Balochistan
10. Establishment of field offices at divisional and district levels

7.2.1 Short-term Strategies

1. Strengthening of the Statistical Section of BoS

Being a completely technical department, the BoS needs more technical staff rather than irrelevant bulk of administrative staff. Currently, the statistical section is being run with only 29 staff members, while 9 posts are vacant. Moreover, there are some high-ranked officers with irrelevant qualifications in the statistical

section. To overcome the shortage of technical HR, new qualified and competent staff must be appointed in the statistical section.

2. Strengthening of Statistical Cells of Line Departments as Base Priority

The BoS is nothing more than a small secondary data collecting, processing, and publishing unit without statistical cell of the line departments. The BoS collects secondary data from line departments while primary data is collected by statistical cells of the line departments. So, initially statistical cells need to be strengthened. Firstly, sufficient competent surveyors need to be appointed to get valid and reliable data. In-service training and workshops should be conducted on a regular basis to enhance their technical and statistical capacities. Most importantly, the SDGs must be given importance in data collection process through questionnaires and proformas to get more SDGs aligned data. Moreover, these must be facilitated by providing improved infrastructure including advanced equipment, sufficient logistics facility, and timely financial assistance to get the best output.

3. Providing Financial Authority to BoS Balochistan

Lack of financial authority has created a lot of problems in the BoS. As the BoS lacks DDO (Drawing and Disbursing Officer) authority to draw funds for specified purposes. The complete department depends on either P&DD or secretary for even small expenses. Unavailability of funds for repairing of equipment mars office work. Moreover, no TAs and DAs are given to the staff which cause hesitation of staff to collect data and fieldwork. The sole publication of the BoS is the DS whose publication gets delayed because of late payments.

These financial issues need proper solution. First of all, the financial authority should be given to the BoS itself with sufficient funds in the annual budget each year. Moreover, DDO power should be given to the department so that the equipment can be timely repaired and employees can easily be facilitated with the issue of TA and DA. Moreover, publishers should be paid in time to get all the publications in time.

4. Provision of IT Equipment

Improving statistical capacity requires availability of advanced IT equipment. The BoS direly needs to be provided with updated IT equipment such as computers, printers and USBs for data collections.

5. Training for Capacity Development of BoS and Statistical Cells of Line Departments

Due to lack of an annual development plan, the BoS has not been able to conduct in-service trainings for its staff as well as for those in the line departments. Suitable measures must be taken to develop capacity of the BoS and the line departments to enhance their statistical capabilities as well as their SDGs awareness. Following set of training can be a better short-term solution for strengthening the competency of the BoS staff.

a. Training 1: Basic Statistical Tools

The BoS staff currently has weak expertise in advanced statistical tools, therefore, training on the basic statistical tools can be a better short-term solution to enhance their statistical capabilities.

b. Training 2: SDGs Comprehension

As the study revealed that awareness about the SDGs in the department was very poor. To get more SDGs aligned data, the staff needs to be given proper awareness about the SDGs and importance of their indicators in data collection.

c. Training 3: HR Management

Currently, the organisational structure of the BoS depicts the poor HR management in the department. Training about effective HR management should be conducted for high-ranked officials of not only the BoS but also the HR in statistical cells of the line department for better management of HR to get the best output.

6. SDGs Aligned Data Collection and Reporting

As a prominent member of United Nations (UN), Pakistan is a signatory to the Sustainable Development Goals (SDGs). The Parliament unanimously approved the SDGs as the country's own national development agenda on 16th February 2016. This process made the SDGs data reporting a national obligation, provinces not exempted.

Article (4), clause (2), sub-clause (m) General Statistics Act, 2011 states that;

"To strive and endeavour to ensure that collection of statistical data to be in accordance with practices and standards of the United Nations and other international bodies for the purpose of fulfilling the international obligations of Pakistan in the field of statistics"

The BoS Balochistan has failed completely to fulfill its obligation with regard to the SDGs reporting. Because, on the one hand, the proformas for data collection are outdated and rarely revised, while on the other hand they are not aligned with the SDGs at all. Due to this situation, the majority of the data reported by the BoS is not aligned with the SDGs. The BoS should develop the SDGs aligned data collection tools and proformas which should be revised regularly according to metadata of the SDGs to collect and report accurate and the SDGs aligned data.

It is important to mention that several indicators published by the BoS in development statistics are partially aligned with the SDGs. These partially aligned indicators can be aligned fully with little effort of the BoS. *For example, 3.c.1 Health Workers Density and Distribution and 3.6.1 Death injuries due to road accidents.* Several other indicators of this type can easily be transformed to report SDGs.

7. Establishment of the Official Website of BoS Balochistan

An official website should be developed where all the relevant information and data including monthly and annual reports should be readily available for the users. Moreover, the website needs to be used as an interface between the BoS and the related line departments. The mode of the website should be kept on the content management system (CMS) which allows continuous updating, editing, and uploading of the data. In addition, the website needs to be used for data collection from the line departments on a regular basis.

8. Preparation of Annual Work Plans for BoS

Currently, the BoS has neither annual plans nor it publishes annual progress reports. Annual plans should be developed with a set of goals, objectives and strategies to get the road map of their tasks and goals.

9. Awareness about the SDGs

Currently, in the BoS, most of the staff including some of the high-ranked officials have no idea about the SDGs. Even, majority of them don't think that it is the responsibility of the BoS to report the SDGs. For reporting the SDGs aligned data, taking two important steps is direly needed. First, rules of business should be changed for establishing the SDGs aligned data ecosystem. The staff should be given proper awareness about the SDGs and their importance through training, seminars, and workshops.

10. Downsizing of the Unnecessary Administrative Staff

Currently, in the BoS, the administration section has 78 staff members which are far higher than 28 of the statistical section. Further, most of the administrative staff is attached to the P&DD. The administrative section in large numbers is not required in the BoS. The unnecessary administrative staff should be absorbed in other departments to get more space for the statistical section in the department by allocating the vacant posts for the statistical experts. After thorough scrutiny, the recruitment of well-qualified statistical staff may be recommended. Changes may be made in rules of business to stop recruitment of staff through political interference or nepotism, rather all recruitments may be done through the Public Service Commission.

11. Re-designation of Vacant Posts at BoS

Currently, there are 32 vacant posts in the BoS most of which (17) are administrative posts. As the statistical section needs to be the base priority of the department, all the administrative vacant posts need to be re-designated to statistical staff to strengthen the statistical section of the BoS.

7.2.2 Long-term Strategies

1. Complete Revival of BoS

As stated above, the BoS has limited itself to the collection of secondary data even without having a comprehensive mechanism for assessing the quality of the data provided by statistical cells of the line departments. Further, ineffectual staff always laments lack of resources, especially financial resources. Thus, the department as a whole needs reforms especially in its legal mandate, organisational structure, formulation of the SDGs aligned data ecosystem, recruitment parameters, inter-departmental coordination,

advanced database management, timely publications, updated data dissemination system, and proper financing model for running its affairs and getting the BoS properly active.

2. Restructuring and Revamping of BoS

According to Section 4, sub-clause 2 (a) of the General Statistics (Reorganization) Act, 2011, the main function of the Bureau is to collect, compile, analyse, abstract, publish, market, and disseminate statistical data. However, main role of the BoS has been confined to secondary data collection and publication while completely neglecting collection of primary data. The BoS was supposed to provide statistical data of the province for decision making, policy formulation, planning, research, and Balochistan's statistical representation at the national and international statistical rankings. Unfortunately, the BoS has failed to serve these functions. Therefore, the BoS Balochistan needs complete restructuring and revamping as an organisation.

This study recommends three-level plan for restructuring and revamping of BoS.

a) Amendments and Revisions in the Statistical Acts of 1975 and 2011

The statistical acts of 1975 and 2011 need proper revisions through amendments. After the introduction of SDGs in 2015 and Pakistan being a signatory to it, has to produce the SDGs aligned data. Thus, the statistical acts need revisions to fulfill the international obligations. Similarly, the amendments are needed to restructure the BoS and the role of its data in policymaking and planning as well as fulfilling the need to report the SDGs aligned data. These amendments will help improve the quality of the data ecosystem.

b) Amendments and Revisions in Rules of Business of BoS Balochistan

The Rules of Business should also clearly define scope of work of the BoS Balochistan. The primary data collection and processing is included in the responsibilities of the BoS as other provincial bureaus are doing at the same time. Further, an efficient and advanced mechanism of coordination and data collection process among the BoS and key government departments should also be developed.

c) Revision in Job Description of BoS Staff

This study has found severe loopholes in job descriptions of the BoS staff. The job descriptions of the BoS staff need to be fully restructured and redesigned as per the hierarchal order from top to down keeping in view qualification experience, and core competencies. The job description should explain the nature of jobs of all the employees in administration, statistical and computer sections in all stages of data ecosystem including:

a. Tools development
b. Data collection
c. Data entry process
d. Data analysis
e. Data quality control
f. Data reporting
g. Data dissemination

3. Provision of Sufficient Physical Infrastructure

Currently, the BoS has been working in an office, consist of sparsely located 4 rooms in the basement of the Planning and Development Department (P&DD). This space is not enough for such a highly important department. This study recommends taking serious steps for provision or development of physical infrastructure with sufficient working space to get the best output.

4. Proper Coordination Between the BoS and Pakistan Bureau of Statistics

There seems no coordination between the BoS Balochistan and other provincial bureaus. Moreover, the BoS is far behind them. Apart from that, no coordination exists between the BoS Balochistan and Pakistan Bureau of Statistics (PBS) as well. Better coordination plans including the MoUs, official visits and exchange of inter-departmental expertise should be made in order to enhance capacity of the BoS Balochistan.

5. Proper Mechanism for Data Quality Control

Currently, there is no proper mechanism of data quality control for checking validity, reliability, and trends of secondary data which is provided by the line departments. The major reason behind this is the lack of a

database management and monitoring system. A proper data quality control mechanism should be developed under the charge of experts to better monitor the trends of data for reliability and validity.

6. Automation of Data Collection Process

The data collection procedure of the BoS is quite outdated. Official letters are sent to the line departments for data collection which are often followed by sending reminders. The late provision of data also causes a delay in the data processing and publication processes. Automation of data collection should be developed where an IT-based interface can be developed for the data collection processes.

7. Development of Management Information System (MIS)

Database management system in the BoS is very poor as records are not available in a variety of formats and even if available, they cannot be presented in standard formats which can help use of it as per user demands. Trends in data and infographics cannot be made out of the current form of data, thus makes the data unusable for decision-making and planning processes. An advanced data management system should be developed where data should be managed more accurately and effectively to be used by researchers, policymakers, planners, and international ranking organisations.

8. Capacity Development for Primary Data Collection

After proper amendment in mandate of the BoS, capacity should be developed for data collection including human and financial resources. Currently, the BoS has no surveyors in its human resources, thus, qualified surveyors can be appointed for conducting surveys and primary data collection. Moreover, keeping the importance of the SDGs in view, the SDGs aligned questionnaires and tools should be designed to get the SDGs aligned data. Moreover, the complete process of primary data collection needs to be facilitated by proper monitoring and finances as well.

9. Training Conducting Capacity Development of BoS Balochistan

The findings of this study revealed that the BoS has no capacity for conducting training. Moreover, statistical staff also has weak expertise in the relevant work. In-service training can be better solution for enhancing the capabilities of statistical staff. Like other provinces, the BoS Balochistan should also be able to conduct advanced courses, workshops, and trainings for the statistical capacity development of not only the BoS but also statistical cells of the line department. Moreover, trainers from relevant fields can be hired for training the BoS Balochistan.

10. Establishment of Field Offices at Divisional and District Levels

Balochistan is the largest province of Pakistan by area. Thus, it can be very difficult to collect data from a single office located in Quetta to sparsely located areas of the province. The BoS should establish sub-field offices at least divisional and district levels to get appropriate and timely data which would also minimise transportation costs.

7.3 Recommendation for Statistical Cells in Line Departments

Recommendations for statistical capacity building of the statistical cells in the line departments are given below. For this purpose, two basic parameters are kept in view while forwarding recommendations. These include the current statistical capacity and data alignment with the SDGs published in the development statistics (DS). (Annexure 7)

1. Establishment of Statistical Cells

The data analysis shows that 18 out of 35 line departments do not have statistical cells while other departments have statistical cells which are not well-integrated. As statistical cells have the basic function of providing all-important statistical data to the BoS which is needed in planning and development, The provincial Government needs to take serious steps to ensure establishment of well-integrated and well-equipped statistical cells in all the line departments.

2. Deployment of Needed Human Resource (HR) in Statistical Cells

The data analysis of HR capacity in statistical cells of the line department clearly shows all the departments, except for the Communication and Works Department, stood very low in the HR capacity. All the departments lacked a strong statistical section, and also lacked the most important posts such as Data

Collectors (Surveyors), Statistical Assistants, Statistical Investigators, Data Analysts and Database Administrator. Therefore, well-qualified, skillful, competent and need-based HR should be deployed in statistical cells of the line department to develop a strong data ecosystem.

3. Provision of Required IT Equipment

The data analysis showed that most of statistical cells of the line departments stood very low in technical capacities such as IT equipment including laptops, printers, scanners, photostat machines, and tablets. Therefore, immediate steps are needed to be taken to ensure sufficient availability of advanced IT equipment in statistical cells of the line departments to enhance the process of data collection and processing.

4. Provision of Financial Support for Data Collection

As primary data collection is a basic function of statistical cells of the line departments, the data clearly shows that the finances for data collection process were insufficient even unavailable in many departments. Therefore, the Provincial Government and concerned departments should provide sufficient and timely funds for data collection such as the provision of logistics, paying of traveling allowances (TAs) and daily allowances (DA) and other such financial assistance to make data collection more attractive for the staff.

5. Development of SDGs Aligned Proformas

The data analysis shows that most of the proformas were not aligned with the targets and indicators of the SDGs. Moreover, most of the proformas were outdated and rarely revised. Therefore, the proformas need to be designed as per targets and indicators of the SDGs and should be revised on a regular basis to establish a more accurate and the SDGs aligned data ecosystem.

6. Trainings of the HR in Statistical Cells

The HR assessment clearly showed that statistical capacities and the SDGs awareness of most of the HR working in statistical cells of the line departments are low. The in-service training at regular intervals can be a better strategy to enhance technical and statistical capacities of staff of statistical cells of the line departments. Therefore, all the line departments should conduct in-service training on a regular basis. Moreover, trainers can also be hired for this purpose. The following training sessions can be conducted for HR capacity enhancement:

- Basic Statistical Tools (Techniques and Software) training for enhancement of their statistical capacities
- SDGs Comprehension Training for general awareness about the SDGs and its importance in the data collection process
- HR Management training for high-ranked officials to better manage their HR for effective output

7. Development of Efficient Coordination Between Statistical Cells and BoS Balochistan

Currently, there is poor coordination between the Bureau of Statistics (BoS) Balochistan and statistical cells of the line departments which seems to be a major setback for development of an effective data ecosystem in Balochistan. The data is received through traditional means of letters from statistical cells, sometimes they receive data late even after sending several reminders. Moreover, there is no check and balance on quality of data, particularly data validity and reliability neither in the BoS nor in statistical cells of the line departments. Therefore, an efficient and updated technology-based coordination system is needed to be developed between the BoS Balochistan and statistical cells in the line departments to ensure regular, timely, and reliable data collection and reporting.

Chapter 8

Capacity Development Plan

8.1 Capacity Development Plan

A capacity development plan (CDP) or capacity building is an organised process through which individuals or organisations either attain, improve or even retain their existing capabilities by improvement of their knowledge, skills, and competencies (Potter, Brough, & planning, 2004). Moreover, the UNDP explains it as a clear and practicable set of procedures with a timeframe including measurable indicators and reasonable finances to address the capacity need which has already been assessed (UNDP, 2020). The CDP is proposed after the capacity needs assessment which is defined as a procedure to assess current capacities, required capacities, and overall gap between the existing and needed capacities of a system. The capacity development plan is proposed at the end of the CNA which provides the best possible solutions and recommendations on the basis of findings of this baseline study.

The capacity development plan comprises three major attributes; strategies, implementing authority and a specific time frame to get strategies implemented. The strategies are predetermined set of steps to be undertaken to achieve desired goals. The implementing authority has been determined during the CNA which undertakes the predetermined procedures to get the capacity development plan implemented. Moreover, a time frame is always given to implementing authority to get all the strategies done in time to achieve the objectives.

This study recommends the capacity development plan for the BoS and statistical cells in the line departments for improving monitoring and reporting of the SDGs aligned data. This CDP has been prepared based on the departmental needs and gaps in data collection, processing, and reporting. The CDP has three phases: first is the assessment phase, second is the measurement phase and lastly the capacity development phase. In the assessment phase, the required capacities of the BoS and Statistical Cells in the line departments are found out. For filling gaps in the existing capacities, following the need analysis, the capacity development activities for each gap are proposed with a timeline and required budget.

8.2 Capacity Development Plan for BoS Balochistan

After completion of the process of capacity need assessment (CAN) of the Bureau of Statistics Balochistan, a complete capacity development plan is prosed to the competent authorities. The strategies are proposed in terms of short-term and long terms for strengthening of the Bureau of Statistics (BoS), Balochistan. These strategies are divided into high priority and low priorities as per their importance and current status in the BoS Balochistan. Moreover, the required budget is also mentioned to the competent authority which is the Secretary Planning and Development Department (P&DD) who will ensure the implementation of capacity development plan in the recommended time frame. The total costs of the capacity development plan are estimated in Pakistani rupees. The progress on the capacity development plan will be measured through Audit Reports and Progress Reports.

8.3 Capacity Development Plan for Statistical Cells

The capacity development plan is proposed for improving the statistical and the SDGs-related capacity of 34 line departments of Government of Balochistan. Following are major strategies to be undertaken for capacity building in statistical cells of the line departments.

8.3.1 Change in the Statistics Act and Rules of Business

The capacity development plan proposes a comprehensive discussion and amendments in General Statistics Act 2011 and the rules of business on a high priority. The secretary of the relevant department should be on board with the officials of the Law Department and seek out smooth process of bringing about amendments for change in rules of business so that the mandate of statistical cells could be made clear in accordance with the SDGs aligned data reporting.

8.3.2 Development of Statistical Cells in Line Departments

The study shows that 18 departments in the province lacked statistical cells. Initially, development of statistical cell should be a high priority in the capacity development plan. It's a long-term strategy. The

competent authority for implementation are the secretaries of the relevant departments. The total estimated cost for the development of statistical cell is given in the CDP Table.

8.3.3 Provision of IT Equipment

The study revealed that most of the departments lacked sufficient IT equipment and were ranked in low category. Moreover, the priority differs from department to department as some departments were categorised in medium and high categories as far as the availability of the IT equipment was concerned. Provision of the IT equipment is a short-term strategy in Capacity Development Plan. A single unit of IT equipment i.e., computer and printer costs around PKR. 160,000 (estimated). All the statistical departments must be provided with relevant IT equipment as per their requirements.

8.3.4 Finances for the Primary Data Collection

The data analysis in the study clearly shows that funds for primary data collection were unavailable in most of statistical cells of the line departments. Further, the data collectors were not available for the data collection process which mars the process. Unavailability of logistics was also reported in most of the departments. The CDP proposes recommendations for provision of sufficient funds for data collection as a short-term strategy. Moreover, basic incentives such as Traveling Allowance and Daily Allowances (TA&DA) must be provided to the staff to make the data collection process more attractive.

8.3.5 Trainings for Staff of the Statistical Cells

For the weak expertise of statistical staff of statistical cells of the line departments as well as their lack of awareness about the SDGs, the capacity development plan proposes 3 schemes of training of HR in statistical cells of the line departments including training for learning statistical tools, the SDGs comprehension and HR Management. The CDP categorises it in short-term strategies, while Project Director is the competent authority to implement it. The total estimated cost for the training is given in CDP Table.

8.3.6 Development of SDGs Aligned Proformas

The data analysis in the study reveals that none of the statistical cells of the line departments have the SDGs aligned proformas. Moreover, the existing proformas are rarely revised. The CDP proposes the short-term strategy for the SDGs aligned proforma development which will be implemented by the Project Director mandated for making proformas. The total estimated cost for the proforma development is given in CDP Plan.

Note. The costs mentioned in the CDP are based on estimation. Thus, while implementing the CDP, the then current cost analysis should be conducted.

Assessment phase			Capacity Development Phase											
Capacity Assessment			Measurement						Budget					
				Priority			1 Year							
Departments	Capacities Required/ Recommendations	Current Status (none, low, medium, high)	Measurement Tools (Audit Report, Progress Report	H	M	Responsible (Unit / Person for Action)	6 m	6 m	Item	Units costs (PKR)	# unit	Addi. Items	Sub-total (add. Cost)	Total (PKR)
Line Depts.	Change in rules of business of BOS and Line Departments	None	PR	H		Secretary			BoS and 34 Line Departments	- -	- -	- -	- -	- -
BoS Balochistan	IT Equipment Set	Low	AR	H		PD			Computer with Printer	160,000	9	Scan.	240,000	1680000
	Filling the Vacant Statistical Section Posts	Low	PR	H		Secretary			Departmental Responsibility					0
	Provision of Sufficient Working Space	Low	PR	H		Secretary			Departmental Responsibility					0
	Hiring of Surveyor	None	PR	H		Secretary			Departmental Responsibility					0
	Financial Support for Data Collection	Low	PR	H		Secretary			Departmental Responsibility					0
	Official Website of BoS	None	PR	H		PD			Official Website of BoS	300,000	1			300000
	Training 1: Basic Statistical Tools	Low	PR	H		PD			Training 1: Basic Statistical Tools	40,000	20			800000
	Training 3: SDGs Comprehension	Low	PR	H		PD			Training 3: SDGs Comprehension	40,000	20			800000
	Training 3: HR Management	Low	PR	H		PD			Training 3: HR Management	40,000	20			800000
	SDGs Aligned Proforma	None	PR	H		PD			Alignment of Proformas	100,000	1			100000
Mines & Minerals	IT Equipment Set	Low	AR	H		PD			Computer with Printer	160,000	3	Scan.	40,000	520000
	Training 1: Basic Statistical Tools	Low	AR	H		PD			Training 1: Basic Statistical Tools	40,000	3			120000
	Training 3: SDGs Comprehension	Low	AR	H		PD			Training 3: SDGs Comprehension	40,000	3			120000
	Training 3: HR Management	Low	AR	H		PD			Training 3: HR Management	40,000	3			120000
	SDGs Aligned Proforma	Low	AR	H		PD			Alignment of Proforma	25,000	1			25000

Agriculture	Financial Support for Data Collection	Low	AR	H		Secretary			Change in Rule of Business (Deptt.)					0
	Training 1: Basic Statistical Tools	Medium	AR		M	PD			Training 1: Basic Statistical Tools	40,000	3			120000
	Training 3: SDGs Comprehension	Low	AR	H		PD			Training 3: SDGs Comprehension	40,000	3			120000
	Training 3: HR Management	Low	AR	H		PD			Training 3: HR Management	40,000	3			120000
	IT Equipment Set	Low	AR	H		PD			Computer with Printer	160,000	3	Scan.	40,000	520000
	Furniture Set	Low	AR	H		PD			Tables with Chairs	20,000	3			60000
	SDGs Aligned Proforma		AR	H		PD			Alignment of Proforma	25,000	1			25000
Secondary Education	Financial Support for Data Collection	Low	AR	H		Secretary			Change in Rule of Business (Deptt.)					0
	Furniture Set	Medium	AR		M	PD			Tables with Chairs	20,000	3			60000
	Managing Vehicle for Data Collection	Low	AR	H		Secretary			Change in Rule of Business (Deptt.)					0
	Training 1: Basic Statistical Tools	Medium	AR		M	PD			Training 1: Basic Statistical Tools	40,000	3			120000
	Training 3: SDGs Comprehension	Low	AR	H		PD			Training 3: SDGs Comprehension	40,000	3			120000
	Training 3: HR Management	Low	AR	H		PD			Training 3: HR Management	40,000	3			120000
	SDGs Aligned Proforma	None	AR	H		PD			Alignment of Proforma	25,000	1			25000
Social Welfare	Establishment of Statistical Cell	Low	AR	H		Secretary			Establishment of Cell	.,200,000	1			1200000
	Hiring of HR for Statistical Cell	Low	AR	H		PD			Departmental Responsibility					0
	Managing Vehicle for Data Collection	Low	AR	H		Secret.			Change in Rule of Business (Deptt.)					0
	Financial Support for Data Collection	Low	AR	H		Secretary			Departmental Responsibility					0
	Training 1: Basic Statistical Tools	Low	AR	H		PD			Training 1: Basic Statistical Tools	40,000	3			120000
	Training 3: SDGs Comprehension	Low	AR	H		PD			Training 3: SDGs Comprehension	40,000	3			120000
	Training 3: HR Management	Low	AR	H		PD			Training 3: HR Management	40,000	3			120000
	SDGs Aligned Proforma	None	AR	H		PD			Alignment of Proforma	25,000	1			25000
Registrar Coop. Societies	Establishment of Statistical Cell	Low	AR	H		DG			Establishment of Cell	.,200,000	1			1200000
	Hiring of HR for Statistical Cell	Low	AR	H		DG			Departmental Responsibility					0
	Financial Support for Data Collection	Low	AR	H		DG			Change in Rule of Business (Deptt.)					0
	Training 1: Basic Statistical Tools	Low	AR	H		PD			Training 1: Basic Statistical Tools	40,000	3			120000
	Training 3: SDGs Comprehension	Low	AR	H		PD			Training 3: SDGs Comprehension	40,000	3			120000

	Training 3: HR Management	Low	AR	H		PD			Training 3: HR Management	40,000	3			120000
	SDGs Aligned Proforma	None	AR	H		PD			Alignment of Proforma	25,000	1			25000
Law & Parliamentary Affairs	Establishment of Statistical Cell	None	AR	H		PD			Establishment of Cell	.,200,000	1			1200000
	Hiring of HR for Statistical Cell	Low	AR	H		Secretary			Departmental Responsibility					0
	Training 1: Basic Statistical Tools	Low	AR	H		PD			Training 1: Basic Statistical Tools	40,000	3			120000
	Training 3: SDGs Comprehension	Low	AR	H		PD			Training 3: SDGs Comprehension	40,000	3			120000
	Training 3: HR Management	Low	AR	H		PD			Training 3: HR Management	40,000	3			120000
	SDGs Aligned Proforma	None	AR	H		PD			Alignment of Proforma	25,000	1			25000
S & G AD	Training 1: Basic Statistical Tools	Low	AR	H		PD			Training 1: Basic Statistical Tools	40,000	3			120000
	Training 3: SDGs Comprehension	Low	AR	H		PD			Training 3: SDGs Comprehension	40,000	3			120000
	Training 3: HR Management	Low	AR	H		PD			Training 3: HR Management	40,000	3			120000
	SDGs Aligned Proforma	None	AR	H		PD			Alignment of Proforma	25,000	1			25000
Fisheries	Establishment of Statistical Cell	None	AR	H		PD			Establishment of Cell	.,200,000	1			1200000
	Financial Support for Data Collection	Low	AR	H		Secretary			Change in Rule of Business (Deptt.)					0
	Training 1: Basic Statistical Tools	Low	AR	H		PD			Training 1: Basic Statistical Tools	40,000	3			120000
	Training 3: SDGs Comprehension	Low	AR	H		PD			Training 3: SDGs Comprehension	40,000	3			120000
	Training 3: HR Management	Low	AR	H		PD			Training 3: HR Management	40,000	3			120000
	SDGs Aligned Proforma	None	AR	H		PD			Alignment of Proforma	25,000	1			25000
Youth Affairs	Establishment of Statistical Cell	None	AR	H		PD			Establishment of Cell	.,200,000	1			1200000
	Financial Support for Data Collection	Low	AR	H		Secretary			Change in Rule of Business (Deptt.)					0
	Training 1: Basic Statistical Tools	Low	AR	H		PD			Training 1: Basic Statistical Tools	40,000	3			120000
	Training 3: SDGs Comprehension	Low	AR	H		PD			Training 3: SDGs Comprehension	40,000	3			120000
	Training 3: HR Management	Low	AR	H		PD			Training 3: HR Management	40,000	3			120000
	SDGs Aligned Proforma	None	AR	H		PD			Alignment of Proforma	25,000	1			25000
	Physical Infrastructure	Low	AR	H		Secretary			Departmental Responsibility					0
Irrigation	Establishment of Statistical Cell	None	AR	H		PD			Establishment of Cell	.,200,000	1			1200000
	Financial Support for Data Collection	Low	AR	H		Secretary			Change in Rule of Business (Deptt.)					0

	Training 1: Basic Statistical Tools	Low	AR	H		PD			Training 1: Basic Statistical Tools	40,000	3			120000
	Training 3: SDGs Comprehension	Low	AR	H		PD			Training 3: SDGs Comprehension	40,000	3			120000
	Training 3: HR Management	Low	AR	H		PD			Training 3: HR Management	40,000	3			120000
	SDGs Aligned Proforma	None	AR	H		PD			Alignment of Proforma	25,000	1			25000
Food	Hiring of HR for Statistical Cell	Medium	AR		M	Secretary			Establishment of Cell	.,200,000	1			1200000
	Physical Infrastructure	Medium	AR		M	Secretary			Departmental Responsibility					0
	Training 1: Basic Statistical Tools	Low	AR	H		PD			Training 1: Basic Statistical Tools	40,000	3			120000
	Training 3: SDGs Comprehension	Low	AR	H		PD			Training 3: SDGs Comprehension	40,000	3			120000
	Training 3: HR Management	Low	AR	H		PD			Training 3: HR Management	40,000	3			120000
	SDGs Aligned Proforma	None	AR	H		PD			Alignment of Proforma	25,000	1			25000
Finance	Furniture Set	Low	AR	H		Secretary			Tables with Chairs	20,000	3			60000
	Training 1: Basic Statistical Tools	Low	AR	H		PD			Training 1: Basic Statistical Tools	40,000	3			120000
	Training 3: SDGs Comprehension	Low	AR	H		PD			Training 3: SDGs Comprehension	40,000	3			120000
	Training 3: HR Management	Low	AR	H		PD			Training 3: HR Management	40,000	3			120000
	SDGs Aligned Proforma	None	AR	H		PD			Alignment of Proforma	25,000	1			25000
Health	Financial Support for Data Collection	Low	AR	H		Secretary			Change in Rule of Business (Deptt.)					0
	Training 1: Basic Statistical Tools	Low	AR	H		PD			Training 1: Basic Statistical Tools	40,000	3			120000
	Training 3: SDGs Comprehension	Low	AR	H		PD			Training 3: SDGs Comprehension	40,000	3			120000
	Training 3: HR Management	Low	AR	H		PD			Training 3: HR Management	40,000	3			120000
	SDGs Aligned Proforma	None	AR	H		PD			Alignment of Proforma	25,000	1			25000
Religious Affairs	Establishment of Statistical Cell	None	AR	H		PD			Establishment of Cell	.,200,000	1			1200000
	Financial Support for Data Collection	Low	AR	H		Secretary			Change in Rule of Business (Deptt.)					0
	Training 1: Basic Statistical Tools	Low	AR	H		PD			Training 1: Basic Statistical Tools	40,000	3			120000
	Training 3: SDGs Comprehension	Low	AR	H		PD			Training 3: SDGs Comprehension	40,000	3			120000
	Training 3: HR Management	Low	AR	H		PD			Training 3: HR Management	40,000	3			120000
	SDGs Aligned Proforma	None	AR	H		PD			Alignment of Proforma	25,000	1			25000
Minorities	Establishment of Statistical Cell	None	AR	H		PD			Establishment of Cell	.,200,000	1			1200000
	Financial Support for Data Collection	Low	AR	H		Secretary			Change in Rule of Business (Deptt.)					0

	Training 1: Basic Statistical Tools	Low	AR	H		PD			Training 1: Basic Statistical Tools	40,000	3			120000
	Training 3: SDGs Comprehension	Low	AR	H		PD			Training 3: SDGs Comprehension	40,000	3			120000
	Training 3: HR Management	Low	AR	H		PD			Training 3: HR Management	40,000	3			120000
	SDGs Aligned Proforma	None	AR	H		PD			Alignment of Proforma	25,000	1			25000
Industries & Commerce	Training 1: Basic Statistical Tools	Low	AR	H		PD			Training 1: Basic Statistical Tools	40,000	3			120000
	Training 3: SDGs Comprehension	Low	AR	H		PD			Training 3: SDGs Comprehension	40,000	3			120000
	Training 3: HR Management	Low	AR	H		PD			Training 3: HR Management	40,000	3			120000
	SDGs Aligned Proforma	None	AR	H		PD			Alignment of Proforma	25,000	1			25000
	IT Equipment Set	Low	AR	H		PD			Computer with Printer	160,000	3	Scan.	40,000	520000
	Financial Support for Data Collection	Medium	AR		M	Secretary			Change in Rule of Business (Deptt.)					0
PTA Balochistan	Establishment of Statistical Cell	None	AR	H		PD			Establishment of Cell	.,200,000	1			1200000
	Hiring of HR for Statistical Cell	Low	AR	H		DG			Departmental Responsibility					0
	Training 1: Basic Statistical Tools	Low	AR	H		PD			Training 1: Basic Statistical Tools	40,000	3			120000
	Training 3: SDGs Comprehension	Low	AR	H		PD			Training 3: SDGs Comprehension	40,000	3			120000
	Training 3: HR Management	Low	AR	H		PD			Training 3: HR Management	40,000	3			120000
	SDGs Aligned Proforma	None	AR	H		PD			Alignment of Proforma	25,000	1			25000
Culture	Establishment of Statistical Cell	None	AR	H		PD			Establishment of Cell	.,200,000	1			1200000
	Hiring of HR for Statistical Cell	Low	AR	H		Secretary			Departmental Responsibility					0
	Training 1: Basic Statistical Tools	Low	AR	H		PD			Training 1: Basic Statistical Tools	40,000	3			120000
	Training 3: SDGs Comprehension	Low	AR	H		PD			Training 3: SDGs Comprehension	40,000	3			120000
	Training 3: HR Management	Low	AR	H		PD			Training 3: HR Management	40,000	3			120000
	SDGs Aligned Proforma	None	AR	H		PD			Alignment of Proforma	25,000	1			25000
Higher/Technical Education	EMIS Strengthening	Medium	AR		M	Secretary			MIS Strengthening	500,000	1			500000
	IT Equipment Set	Low	AR	H		PD			Computer with Printer	160,000	3	Scanner	40,000	520000
	Training 1: Basic Statistical Tools	Low	AR	H		PD			Training 1: Basic Statistical Tools	40,000	3			120000
	Training 3: SDGs Comprehension	Low	AR	H		PD			Training 3: SDGs Comprehension	40,000	3			120000
	Training 3: HR Management	Low	AR	H		PD			Training 3: HR Management	40,000	3			120000
	SDGs Aligned Proforma	None	AR	H		PD			Alignment of Proforma	25,000	1			25000

Population Welfare	IT Equipment Set	Low	AR	H		PD			Computer with Printer	160,000	3	Scan.	40,000	520000
	Training 1: Basic Statistical Tools	Low	AR	H		PD			Training 1: Basic Statistical Tools	40,000	3			120000
	Training 3: SDGs Comprehension	Low	AR	H		PD			Training 3: SDGs Comprehension	40,000	3			120000
	Training 3: HR Management	Low	AR	H		PD			Training 3: HR Management	40,000	3			120000
	SDGs Aligned Proforma	None	AR	H		PD			Alignment of Proforma	25,000	1			25000
Labor and Manpower	Establishment of Statistical Cell	None	AR	H		Secretary			Establishment of Cell	.,200,000	1			1200000
	Hiring of HR for Statistical Cell	Low	AR	H		Secretary			Departmental Responsibility					0
	Financial Support for Data Collection	Medium	AR		M	Secretary								0
	Training 1: Basic Statistical Tools	Low	AR	H		PD			Training 1: Basic Statistical Tools	40,000	3			120000
	Training 3: SDGs Comprehension	Low	AR	H		PD			Training 3: SDGs Comprehension	40,000	3			120000
	Training 3: HR Management	Low	AR	H		PD			Training 3: HR Management	40,000	3			120000
	SDGs Aligned Proforma	None	AR	H		PD			Alignment of Proforma	25,000	1			25000
Local Govt/Rur. Dev.	Establishment of Statistical Cell	None	AR	H		PD			Establishment of Cell	.,200,000	1			1200000
	Hiring of HR for Statistical Cell	Low	AR	H		Secretary			Departmental Responsibility					0
	Financial Support for Data Collection	Medium	AR		M	Secret.			Change in Rule of Business (Deptt.)					0
	Training 1: Basic Statistical Tools	Low	AR	H		PD			Training 1: Basic Statistical Tools	40,000	3			120000
	Training 3: SDGs Comprehension	Low	AR	H		PD			Training 3: SDGs Comprehension	40,000	3			120000
	Training 3: HR Management	Low	AR	H		PD			Training 3: HR Management	40,000	3			120000
	SDGs Aligned Proforma	None	AR	H		PD			Alignment of Proforma	25,000	1			25000
Sui Southern Gas Co.	Training 1: Basic Statistical Tools	Low	AR	H		PD			Training 1: Basic Statistical Tools	40,000	3			120000
	Training 3: SDGs Comprehension	Low	AR	H		PD			Training 3: SDGs Comprehension	40,000	3			120000
	Training 3: HR Management	Low	AR	H		PD			Training 3: HR Management	40,000	3			120000
	SDGs Aligned Proforma	None	AR	H		PD			Alignment of Proforma	25,000	1			25000
Forest	Hiring of HR for Statistical Cell	Low	AR	H		Secretary			Departmental Responsibility					0
	IT Equipment Set	Low	AR	H		PD.			Computer with Printer	160,000	3	Scan.	40,000	520000
	Financial Support for Data Collection	Medium	AR		M	Secret.			Change in Rule of Business (Deptt.)					0

	Training 1: Basic Statistical Tools	Low	AR	H		PD			Training 1: Basic Statistical Tools	40,000	3			120000
	Training 3: SDGs Comprehension	Low	AR	H		PD			Training 3: SDGs Comprehension	40,000	3			120000
	Training 3: HR Management	Low	AR	H		PD			Training 3: HR Management	40,000	3			120000
	SDGs Aligned Proforma	None	AR	H		PD			Alignment of Proforma	25,000	1			25000
EPA	Establishment of Statistical Cell	None	AR	H		PD			Establishment of Cell	1,200,000	1			1200000
	Hiring of HR for Statistical Cell	Low	AR	H		DG			Departmental Responsibility					0
	Financial Support for Data Collection	Medium	AR		M	DG			Change in Rule of Business (Deptt.)					0
	Training 1: Basic Statistical Tools	Low	AR	H		PD			Training 1: Basic Statistical Tools	40,000	3			120000
	Training 3: SDGs Comprehension	Low	AR	H		PD			Training 3: SDGs Comprehension	40,000	3			120000
	Training 3: HR Management	Low	AR	H		PD			Training 3: HR Management	40,000	3			120000
	SDGs Aligned Proforma	None	AR	H		PD			Alignment of Proforma	25,000	1			25000
Livestock	Financial Support for Data Collection	Medium	AR		M	Secretary			Change in Rule of Business (Deptt.)					0
	Training 1: Basic Statistical Tools	Low	AR	H		PD			Training 1: Basic Statistical Tools	40,000	3			120000
	Training 3: SDGs Comprehension	Low	AR	H		PD			Training 3: SDGs Comprehension	40,000	3			120000
	Training 3: HR Management	Low	AR	H		PD			Training 3: HR Management	40,000	3			120000
	SDGs Aligned Proforma	None	AR	H		PD			Alignment of Proforma	25,000	1			25000
UP & D	IT Equipment Set	Low	AR	H		PD			Computer with Printer	160,000	3	Scanner	40,000	520000
	Physical Infrastructure	Low	AR	H		Secretary			Departmental Responsibility					0
	Financial Support for Data Collection	Low	AR	H		Secret.			Change in Rule of Business (Deptt.)					0
	Training 1: Basic Statistical Tools	Low	AR	H		PD			Training 1: Basic Statistical Tools	40,000	3			120000
	Training 3: SDGs Comprehension	Low	AR	H		PD			Training 3: SDGs Comprehension	40,000	3			120000
	Training 3: HR Management	Low	AR	H		PD			Training 3: HR Management	40,000	3			120000
	SDGs Aligned Proforma	None	AR	H		PD			Alignment of Proforma	25,000	1			25000
Women Development	Establishment of Statistical Cell	None	AR	H		Secretary			Establishment of Cell	1,200,000	1			1200000
	Hiring of HR for Statistical Cell	Low	AR	H		Secretary			Departmental Responsibility					0
	Financial Support for Data Collection	Medium	AR		M	Secretary			Change in Rule of Business (Deptt.)					0
	Training 1: Basic Statistical Tools	Low	AR	H		PD			Training 1: Basic Statistical Tools	40,000	3			120000

	Training 3: SDGs Comprehension	Low	AR	H		PD			Training 3: SDGs Comprehension	40,000	3			120000
	Training 3: HR Management	Low	AR	H		PD			Training 3: HR Management	40,000	3			120000
	SDGs Aligned Proforma	None	AR	H		PD			Alignment of Proforma	25,000	1			25000
Sports	Establishment of Statistical Cell	None	AR	H		Secretary			Establishment of Cell	.,200,000	1			1200000
	Hiring of HR for Statistical Cell	Low	AR	H		Secretary			Departmental Responsibility					0
	Financial Support for Data Collection	Medium	AR		M	Secretary			Change in Rule of Business (Deptt.)					0
	Training 1: Basic Statistical Tools	Low	AR	H		PD			Training 1: Basic Statistical Tools	40,000	3			120000
	Training 3: SDGs Comprehension	Low	AR	H		PD			Training 3: SDGs Comprehension	40,000	3			120000
	Training 3: HR Management	Low	AR	H		PD			Training 3: HR Management	40,000	3			120000
	SDGs Aligned Proforma	None	AR	H		PD			Alignment of Proforma	25,000	1			25000
Communication & Works	Hiring of HR for Statistical Cell	Low	AR	H		Secretary			Departmental Responsibility					0
	IT Equipment Set	Low	AR	H		PD			Computer with Printer	160,000	3	Scanner	40,000	520000
	Training 1: Basic Statistical Tools	Low	AR	H		PD			Training 1: Basic Statistical Tools	40,000	3			120000
	Training 3: SDGs Comprehension	Low	AR	H		PD			Training 3: SDGs Comprehension	40,000	3			120000
	Training 3: HR Management	Low	AR	H		PD			Training 3: HR Management	40,000	3			120000
	SDGs Aligned Proforma	None	AR	H		PD			Alignment of Proforma	25,000	1			25000
PHE Department	MIS Strengthening	Low	AR	H		Secretary			MIS Strengthening	500,000	1			500000
	Establishment of Statistical Cell	None	AR	H		Secretary			Establishment of Cell	.,200,000	1			1200000
	Hiring of HR for Statistical Cell	Low	AR	H		Secretary			Departmental Responsibility					0
	Financial Support for Data Collection	Low	AR	H		Secretary			Change in Rule of Business (Deptt.)					0
	Training 1: Basic Statistical Tools	Low	AR	H		PD			Training 1: Basic Statistical Tools	40,000	3			120000
	Training 3: SDGs Comprehension	Low	AR	H		PD			Training 3: SDGs Comprehension	40,000	3			120000
	Training 3: HR Management	Low	AR	H		PD			Training 3: HR Management	40,000	3			120000
	SDGs Aligned Proforma	None	AR	H		PD			Alignment of Proforma	25,000	1			25000
Total Estimated Cost														42,155,000/-

Abbreviations: DP= Project Director; AR: Audit Report; PR= Progress Report, H=High, L=Low, M=Medium

References

Agroforestry, W. (2019). *Capacity Needs Assessment*.

EUROSAI. (2009). Capacity Building Needs Assessment. from https://www.eurosai.org/en/about-us/about-eurosai/

Goals, S. D. (2015). United Nations Sustainable Development Summit 2015. https://sustainabledevelopment.un.org/post2015/summit

Government of Pakistan. (2019). Pakistan's Implementation of the 2030 Agenda for Sustainable Development.

Hák, T., Janoušková, S., & Moldan, B. (2016). Sustainable Development Goals: A need for relevant indicators. *Ecological indicators, 60*, 565-573.

Iddo Dror, Edwin Kangethe, & Phil Sambati. (2018). *Capacity needs assessment (CNA): CNA framework and tools for the partners of the CGIAR*

Research Program on Livestock CRP. CGIAR Retrieved from CGIARcgspace.cgiar.org › rest › bitstreams › retrieve.

Kumar, S., Kumar, N., & Vivekadhish, S. (2016). Millennium development goals (MDGS) to sustainable development goals (SDGS): Addressing unfinished agenda and strengthening sustainable development and partnership. *Indian journal of community medicine: official publication of Indian Association of Preventive & Social Medicine, 41*(1), 1.

National Assembly Secretariat. (1975). General Statistics Act, 1975, Government of Pakistan.

Potter, C., Brough, R. J. H. p., & planning. (2004). Systemic capacity building: a hierarchy of needs. *19*(5), 336-345.

SDGs Pakistan. (2020). Federal SDGs Support Unit. https://www.sdgpakistan.pk/profiles/team/federalsdgsupportunit

Senate Secretariat. (2011). General Statistics (Reorganization) Act, 2011, The Gazette of Pakistan, Extraordinary, Published by Authority Islamabad, Tuesday, MAY 31, 2011. *No. F.9(7)/2011-Legis.*

Tribune, T. E. (2020, 16 December, 2020). Pakistan ranked 154th on HDI 2020, *The Express Tribune*. Retrieved from https://tribune.com.pk/story/2276154/pakistan-ranked-154th-on-hdi-2020#:~:text=ISLAMABAD%3A,education%2C%20and%20standards%20of%20living.

Uinted Nations. (2000). Millennium Summit (6-8 September 2000). https://www.un.org/en/events/pastevents/millennium_summit.shtml

UNDP. (2020). Preparing a draft capacity development plan. from UNDP https://www.undp-capacitydevelopment-health.org/en/capacities/capacity-development-process/3-preparing-a-draft-capacity-development-plan/

UNDP. (2021). What are the Sustainable Development Goals? https://www.undp.org/content/undp/en/home/sustainable-development-goals.html

UNDP Balochistan. (2020). Provincial SDGs Framework for Balocistan.

Annexures

Annexure 1 Detailed Flowchart of CNA Methodology

Steps	Strategies	Tools/Techniques
Planning CNA	- Components of the review - Explore existing capacity and required capacity - Identify gaps and constraints - Recommendations for improving capacity and SDG reporting - Reporting i.e., inception and final reports	- Desk review - Visits to departments - Selection of appropriate strategies/tools - Timelines for achieving deliverables
Conducting review	- Conducting a comprehensive capacity needs assessment of the BoS and line departments - Desk review for identifying provincial and district level SDGs, targets and indicators and their data sources and availability at national, provincial and district levels	- Primary data collection from the concerned departments - Secondary data collection for SDGs review - Identifying data sources for SDGs and indicators
Current State of Bureau of Statistics (BoS) Balochistan and Statistical cells in the Line Departments	- Exploring organizational structure and system - Identify existing human resource, their skills and stakeholder analysis - Identify existing technical resources - Identify existing financial resources - Functional mechanism of data collection - Assessing primary data collection practices, instruments and toolkits - Assessing data collection alignment with SDGs, targets and indicators - Assessing SDG reporting capacity - Gaps and challenges of BoS and statistical cells in line departments	- Checklists - Visits of the statistical cells and meetings with stakeholders - Conducting interviews - Desk review of the Development Statistics (DS) Balochistan for its data alignment with SDGs and indicators
Identifying needs of the BoS and Statistical cells of line departments	- Identify required human resource - Identify required technical resources (i.e., skills, IT instruments for improving SDGs aligned data collection, analysis and reporting) - Identify required financial resources - Identify overall capacity deficit	- Stakeholder engagement - Open ended Interviews with head HR of BoS and related HR - Problem tree analysis - Instruments/ questionnaires alignment with SDGs - Workshop and focus group discussions
Consultative Workshop	- Received feedback from the concerned departments on the report - Cross-checking of the data presented in the report	- Physical workshop at University of Balochistan, Quetta. - Involved concerned stakeholders in the capacity building process
Recommendations	- Recommendations on developing human resource and technical/ statistical capacities for improving SDGs reporting	- Printing and sharing with stakeholders with concerned departments
Capacity Development Plan	- Proposing capacity development plan - Identify capacity building needs/interventions in the system, processes, tools and instruments, HR and stakeholders and reporting - Identify ways to improve SDGs reporting capacity - Identify major challenges and suggestions	- Report Submission

Report preparation and submission	- Preparing final report on capacity needs assessment - Incorporated feedback from key stakeholders of BoS, line departments, academia, technical specialists and research associates and participants of the workshop on the final report	- Printing and dissemination of the report in hard and soft formats

Annexure 2 Details of the CNA Team

S. No	Names	Designation	Qualification	Affiliation
1.	Dr. Sanaullah Panezai	Activity Lead	PhD	UoB, Quetta
2.	Dr. Farhat Iqbal	Technical Specialist	PhD	UoB, Quetta
3.	Dr. Muhammad Ashraf	-do-	PhD	UoB, Quetta
4.	Dr. Shahab E Saqib	-do-	PhD	GCE, Mardan
6.	Mr. Muhammad Haroon Bazai	Research Associate	M.Phil. Geog. &RP	UoB, Quetta
7.	Mr. Tanveer Ahmed	-do-	M.Phil. Statistics	UoB, Quetta
8.	Miss. Bakhtnama Malik	-do-	M.Phil. Geog. &RP	UoB, Quetta
9.	Miss. Sadia	-do-	M.Sc. Geog. &RP	UoB, Quetta

Annexure 3 CNA Work Plan

No.	Activities	Sep			Oct				Nov				Dec	
A- Inception Phase		W-2	W-3	W-4	W-1	W-2	W-3	W-4	W-1	W-2	W-3	W-4	W-1	W-2
1	Submission of detailed methodology and timeline along with the draft													
B- Activities														
1	Conduct comprehensive review of overall systems of the Bureau of Statistics (BoS) Balochistan and statistical cells of key departments to determine the extent to which the Bureau's and statistical cells' data collection and reporting mechanisms are aligned with the reporting and monitoring needs of SDGs.													
2	Mapping of the official data sources, available and owned by the provincial government against each indicator of SDGs at provincial and district level and suggest means and ways for filling in missing data gaps.													
3	Consultative sessions with line departments, BoS for needs assessment													
4	Assess existing strengths/weaknesses and future potential of the administrative data in terms of SDG monitoring and reporting													
5	Based on findings of the literature review and information gathered, design CNA tools for consultation and interviews (Key Informants Interviews)													
6	Based on the review and assessment of the existing data collection tools/instruments conduct gap analysis and point out all the gaps that relate to systems and mechanisms of data collection, analysis and reporting.													
7	Assess capacities of data analysis to see how data is being used for reporting and decision making between BoS and key provincial departments.													
8	Conduct a workshop for sharing the draft report with BoS and key line departments and present the analyses on capacity need assessment.													
9	Develop a capacity building plan/plan of action, with timeline and budget, for aligning capacities and data collection, analysis and reporting mechanisms with the requirements of the SDGs													
	9a. Provide cost estimate, time and periodicity required to get data for SDGs indicators													
	9b. Suggest mechanism and provide data flow mapping to improve the provincial data flow for reporting on SDGs indicators effectively.													
	9c. Using the information gathered from the assessments and analysis, prepare capacity development strategy and plan and include it in the final report.													
10	Report Preparation and Submission													
11	Comments and feedback incorporated in the final report													
12	Final Report Submission													

Annexure 4 Qualitative Statements about the Problems Faced by BoS Balochistan

Problems	Descriptions
Financial Constraint	"Data is collected through written communication, sometime if data is not provided, after sending reminders, the staff members are sent in person who are not paid by BoS. This makes data collection problematic". (Assistant Director, BoS)
	"Currently, no TA, DA is given for data collection, due to which it remains difficult to persuade the staff for data collection" (Assistant Director, BoS)
	Payments to publisher are delayed. Our two publications are with the publisher and are not yet published because their payments are delayed. (Additional Director, BoS)
	Financial autonomy of BOS is needed for easing data collection process and staff remunerations. Even for minor repair of equipment, there is no fund" (Additional Director, BoS)
	"We do not have the right to spend five (5) rupees, rather we have to take permission from secretary. If DDO is posted and authority is given by P&DD to the officer of BoS then all matters can be handled smoothly." (Additional Director, BoS)
	"DDO power is missing, BoS is not provided funds and P&DD consumes all the funds." (Computer Operator, BoS)
Logistical Problems	No vehicle is available for data collection. Surveyors and vehicle are needed for data collection (Assistant Director, BoS)
	"Our budget is used by P&DD. Transport for BoS is not available and the fuel of BoS is also used P&DD. BoS direly need logistics support for its data collection and other operations (Assistant Director, BoS)
HR related problems	"Out of 116 staff, we have presently 16 people working at BoS. There is need to involve the attached staff of BoS in their concerned work." (Additional Director, BoS)
	"16 staff is currently working, and 64 staffs are working at P&DD. This shows that the development of BoS is intentionally being ignored" (Computer Operator, BoS)
	"No post of surveyor is present. How can BoS do primary data collection? 70% staff is irrelevant in statistical wing (33 persons)." (Assistant Director, BoS)
Lack of statistical Skills/Trainings	"We have shortage of trained staff. There is acute shortage of staff member who are good at statistical skills. Trainings on improving statistical skills, awareness on SDGs, and data analysis and related aspects should be given to the current staff. In addition, our staff should be trained for noting and drafting tools and skills". (Assistant Director, BoS)
	"Trainings on improving working capacity for existing staff are direly needed." (Additional Director, BoS)
	"Training on how to make indicator and data analysis should be given to the concerned staff out of station." (Assistant Director, BoS)
	"The basic need of BoS is to train its human resource". (Assistant Director, BoS)
Lack of IT Equipment	"Computer, Fax, scanners are needed." (Assistant Director, BoS)
	"Our computers are outdated. Latest models of computers, printers, and external hard drives for data collection are needed." (Additional Director, BoS)
Stationary	"Stationary is not owned by BoS." (Assistant Director, BoS)
Physical Infrastructure	"Our space is not enough. See only four rooms are available for whole staff of BoS. We need sufficient physical infrastructure Additional Director, BoS)
	"Separate offices for Assistant Directors (Ads) are needed. Present offices are in overcrowded and in poor conditions" (Additional Director, BoS)
Technical problems	"Proforma is not revised. Changes are made, only by BoS. Department has no role in format of changing." (Additional Director, BoS)
	"Proforma is revised as per need." (Assistant Director, BoS)
	"Proforma is revised once within two years with the approval of Secretary/ACS." (Computer Operator, BoS) "Same tools are also used in other provinces of Pakistan." (Assistant Director, BoS)
Gaps in the data Management	"Line departments provide data as per proforma sent by BoS." (Assistant Director, BoS)
	"Some of the line departments don't take provision of data seriously. They provide sometime missing data and mismatch with the precious year. There is no proper mechanism for checking reliability of data, however, sometimes if

	gross mistakes are found in the data then this issue is followed up by BoS with the departments." (Additional Director, BoS).
	"They delay provision of data and then we send reminders, and sometimes multiple reminders" (Computer Operator, BoS)
	"They send data late, incomplete and provide on reminder." (Assistant Director, BoS)
	"No proper assessment of the data is done by BoS." (Assistant Director, BoS)
	"The main issue is the unavailability of data on time. Line departments do not take interest in sending data on time. Sometimes, they just fill the Proformas untidy" (Assistant Director, BoS)

Annexure 5 Alignment of Departments' Statistics Data with Targets and Indicators of SDGs

S#	Data of Development Statistics	SDGs indicators	Status
	AGRICULTURE		
1.	Land utilization statistics of Balochistan	Goal 2 Target 2.3 Indicator 2.3.1	Partially Aligned
2.	Land utilization statistics of Balochistan by district	Goal 2 Target 2.5 Indicator 2.5.1	Partially Aligned
3.	Irrigated /un-irrigated Area of kharif and rabi crops in Balochistan	Goal 2 Target 2.4 Indicator 2.4.1	Aligned
4.	Irrigated /un-irrigated production of kharif and rabi crops in Balochistan	-do-	-do-
5.	Area sown under crops wheat, gram, Rice and cotton	-do-	Partially Aligned
6.	Area sown under barley and Mustard, sugarcane and bajra crops	-do-	-do-
7.	Area sown under crops tobacco, sesamum, Jowar and Maize in Balochistan	-do-	do-
8.	Production of crops wheat, gram, Rice and cotton	-do-	-do-
9.	Production of Barley and Mustard, sugarcane and Bajra in Balochistan	-do-	-do-
10.	Production of crops Tobacco, Sesamum, Jowar and Maize	-do-	-do-
11.	District-wise area and production of WHEAT in Balochistan	Goal 2 Target 2.5 Indicator 2.5.1	Partially Aligned
12.	District-wise area and production of BARLEY in Balochistan	-do-	-do-
13.	District-wise area and production of JOWAR in Balochistan	-do-	-do-
14.	District-wise area and production of MAIZE in Balochistan	-do-	-do-
15.	District-wise area and production of BAJRA in Balochistan	-do-	-do-
16.	District-wise area and production of RICE in Balochistan	-do-	-do
17	District-wise area and production of ONION in Balochistan	-do-	-do-
18.	District-wise area and production of POTATO in Balochistan	-do-	-do-
19.	Area of all vegetables in Balochistan	-do-	-do-
20.	Production of all vegetables in Balochistan	-do-	-do-
21.	Area of important fruits grown in Balochistan	-do-	Institutional data
22.	Production of important fruits grown in Balochistan	-do-	-do-
23.	District-wise area And Production of almonds, apples, apricots and grapes in Balochistan	-do-	-do-
24.	District-wise area and production of peach, pomegranate, plum and cherry in Balochistan	-do-	-do-
25.	District-wise area and production of citrus, banana guava and mangoes in Balochistan	-do-	-do-
26.	District-wise area and production of dates, papaya, coconut and other fruits in Balochistan	-do-	-do-
27.	District-wise area and production of tomatoes, lady fingers and apple gourd (*Tinda*) in Balochistan	Goal 2 Target 2.3 Indicator 2.3.1	Partially Aligned
		Goal 2 Target 2.4 Indicator 2.4.1	Partially Aligned

28.	District-wise area and production of Radish, spinach and turnip in Balochistan	-do-	Partially Aligned
29.	District-wise area and production of Broad Bean, cabbage, carrot grown in Balochistan	-do-	-do-
30.	District-wise area and production of Bitter gourd, pumpkin grown in Balochistan	-do-	-do-
31.	District-wise area and production of Cauliflower, peas, beet root in Balochistan	-do-	-do-
32.	District-wise area and production of Brinjal, lufa, cucumber grown in Balochistan	-do-	-do-
33.	District-wise area and production of Condiments and spices grown in Balochistan	-do-	-do-
34.	District-wise area and production of Melons grown in Balochistan	-do-	-do-
35.	District-wise area and production of Moong, mash, moth grown in Balochistan	Goal 2 Target 2.4 Indicator 2.4.1	Partially Aligned
36.	District-wise area and production of Masoor, mutter pulse and gram in Balochistan	-do-	-do-
37.	District-wise area and production of Oil seed crops grown in Balochistan	Goal 2 Target 2.5 Indicator 2.5.1	Aligned
38.	District-wise Irrigated and un-irrigated area and production of Kharif fodders in Balochistan	Goal 2 Target 2.3 Indicator 2.3.1	Partially Aligned
39.	District-wise Irrigated and un-irrigated area and production of Rabi fodders in Balochistan	-do-	-do-
40.	Area irrigated by different sources of irritation in Balochistan	-do-	Institutional data
41.	District-wise Area irrigated by different sources of irritation in Balochistan	-do-	-do-
42.	District-wise number of government and private tube wells in Balochistan	-do-	-do-
43.	District-wise No. Of govt. And private tractors, threshers in Balochistan	Goal 2 Target 2.a Indicator 2.a.1	Partially Aligned
44.	Rate and value of crops in Quetta market	Goal 2 Target 2.c Indicator 2.c.1	Partially Aligned
45.	Rate and value of fruits in Quetta market	-do-	-do-
46.	Rate and value of vegetables in Quetta market	-do-	-do-
	AREA AND POPULATION		
1.	Population of Pakistan by province /region in all six censuses	-do-	Institutional data
2.	Pakistan population by sex and area according to census 2017	-do-	-do-
3.	District-wise population of Balochistan according to 2017 census	-do-	-do-
4.	District-wise rural population and house hold of Balochistan 2017 census	-do-	-do-
5..	District-wise urban population and household of Baluchistan 2017 census	-do-	-do-
6.	District-wise population Of Balochistan in all six censuses	-do-	-do-
7.	7.District-wise Balochistan Population comparison of 1998 and 2017 census	-do-	-do-
8.	Percentage distribution of population of Balochistan sex ratios 1981 and 1998 census	-do-	-do-
9.	Population(age-group) in Balochistan by sex and locality 1998 census	-do-	-do-
10.	Population by selected age group by locality of Balochistan in 1998 census	-do-	-do-

11.	Total population in Balochistan by age group and marital status in 1998 census	Goal 5 Target 5.3 Indicator 5.3.1	Partially Aligned
12.	Male population (15 years and above) in Balochistan marital status in 1998 census	-do-	Institutional data
13.	Female population (15 years and above) in Balochistan marital status in 1998 census	Goal 5 Target 5.3 Indicator 5.3.1	Partially Aligned
14.	Population by religion, by sex and by locality in 1998 census of Balochistan	-do-	Institutional data
15.	Population by mother tongue, by sex and by locality in 1998 census of Balochistan	-do-	-do-
16.	Literate pop: (10 years and above) in Balochistan by field of education 1998 census	Goal 4 Target 4.1 Indicator 4.1.1	Partially Aligned
17(i)	Literate population in Balochistan by level of education attainment in 1998 census	-do-	Aligned
17(ii)	Literate population in Balochistan by level of education attainment in 1998 census	-do-	-do-
18.	Population (10 years and above) by activity and age group of Balochistan 1998 census	Goal 8 Target 8.5 Indicator 8.5.2	Partially Aligned
		Goal 8 Target 8.6 Indicator 8.6.1	Aligned
19.	Un-employed (10 years and above) by education attainment and age group 1998 census	Goal 8 Target 8.5 Indicator 8.5.2	Partially Aligned
20.	Ever married woman No. of children born alive in Balochistan 1998 census	Goal 3 Target 3.1 Indicator 3.1.2	-do-
21.	Estimated population of Balochistan by age group on the basis of 1998 census	-do-	Institutional data
22.	Statistics of Pakistan in 2017 census	-do-	-do-
	CLIMATE		
1.	Temperate (mean of Max.) of selected stations in Balochistan 2018	-do-	Institutional data
2.	Temperature (mean of min.) of selected stations in Balochistan 2018	-do-	-do-
3.	Percentage humidity (mean)of selected stations in Balochistan 2018	-do-	-do-
4.	Rainfall of selected stations in Balochistan 2018	-do-	-do-
	DEVELOPMENT PLANNING		
1.	Public Sector Development Program of Balochistan by Sector 2017-18.	Relevant to all goals in some 2 or three indicators except goal 5 & 13.	All the goals are partially relevant except goal 5 & 13 which are not reported at all.
2.	Public Sector Development Program On-going Schemes 2017-18.	-do-	-do-
3.	Public Sector Development Program New Schemes 2017-18.	-do-	-do-
4.	Public Sector Development Program On-going New Schemes 2017-18.	-do-	-do-
	EDUCATION		
1.	Summary Statistics Government Schools of Balochistan 2014-15 To 2017-18.	Goal 4 Target 4.1 Indicator 4.1.1	Partially Aligned
2.	Number of Government Primary Schools by District in Balochistan 2015-16 To 2017-18	-do-	Partially Aligned

3.	Enrolment of Government Primary Schools by District in Balochistan 2015-16 To 2017-18	-do-	Partially Aligned
4.	Teaching Staff of Government Primary Schools by District in Balochistan 2015-16 To 2017-18	Goal 4 Target 4.c Indicator 4.c.1	Partially Aligned
5.	Number of Government Middle Schools by Sex and District in Balochistan 2015-16 To 2017-18	Goal 4 Target 4.1 Indicator 4.1.1	Partially Aligned
6.	Enrolment of Government Middle Schools by Sex and District in Balochistan 2015-16 To 2017-18	-do-	-do-
7.	Teaching Staff of Government Middle Schools by Sex and District in Balochistan 2015-16 To 2017-18	Goal 4 Target 4.c Indicator 4.c.1	Partially Aligned
8.	Number of Government High Schools by Sex and District in Balochistan 2015-16 To 2017-18	Goal 4 Target 4.1 Indicator 4.1.1	Partially Aligned
9.	Enrolment of Government High Schools by Sex and District in Balochistan 2015-16 To 2017-18	-do-	-do-
10.	Teaching Staff of Government High Schools by Sex and District in Balochistan 2015-16 To 2017-18	Goal 4 Target 4.c Indicator 4.c.1	Partially Aligned
11.	Class Wise Enrolment of Government Primary Schools by Sex and District in Balochistan for the Year 2017-18	Goal 4 Target 4.1 Indicator 4.1.1	Partially Aligned
12.	Class Wise Enrolment of Government Middle Schools by Sex and District in Balochistan for the Year 2017-18	-do-	-do-
13.	Section Wise Enrolment of Government Middle Schools by Sex and District In Balochistan From 2015-16 To 2017-18	-do-	Institutional data
14.	Class Wise Enrolment of Government High Schools by Sex and District in Balochistan for The Year 2017-18	-do-	Institutional data
15.	Primary Section Enrolment in Government Primary, Middle & High Schools by Sex and District in Balochistan for The Year 2017-18	Goal 4 Target 4.1 Indicator 4.1.1	Partially Aligned
16.	Middle Section Enrolment in Government Middle & High Schools by Sex and District in Balochistan for The Year 2017-18	-do-	-do-
17.	Section Wise Enrolment of Government High Schools by Sex and District in Balochistan 2016-17 & 2017-18	-do-	-do-
18.	Total Number of Government Primary, Middle and High Schools by Sex and District in Balochistan 2015-16 To 2017-18	-do-	-do-
19.	Total Enrolment of Government Primary, Middle and High Schools by Sex and District in Balochistan 2015-16 To 2017-18	-do-	-do-
20.	Total Teaching Staff of Government Primary, Middle and High Schools by Sex and District in Balochistan 2015-16 To 2017-18	Goal 4 Target 4.c Indicator 4.c.1	Partially Aligned
21.	Government Primary Schools Students / Teacher Ratio by District and Gender Balochistan for The Year 2017 -18	Goal 4 Target 4.1 Indicator 4.1.1,	Partially Aligned
		Goal 4 Target 4.c Indicator 4.c.1	Partially Aligned
22.	Government Middle Schools Students / Teacher Ratio by District and Gender Balochistan for The Year 2017 -18	Goal 4 Target 4.1 Indicator 4.1.1,	Partially Aligned
		Goal 4 Target 4.c	Partially Aligned

		Indicator 4.c.1	
23.	Government High Schools Students / Teacher Ratio by District and Gender Balochistan for The Year 2017 -18	-do-	-do-
24.	Promotion, Repetition and Dropout Rate of Government Schools By District And Gender In Balochistan 2017-18	-do-	Institutional data
25.	Annual Result Statistics of Matriculation in Balochistan 2008 To 2018	-do-	-do-
26.	Annual Result Statistics of Intermediate by Sex and Group Balochistan Board of Intermediate and Secondary Education From 2008 To 2018	-do-	-do-
27.	Number of Intermediate Colleges by Sex and District in Balochistan 2015-16 To 2017-18	-do-	-do-
28.	Enrolment of Intermediate Colleges by Sex and District In Balochistan 2015-16 To 2017-18	-do-	-do-
29.	Inter Level Enrolment of Intermediate and Degree Colleges by Sex and District In Balochistan 2015-16 To 2017-18	-do-	-do-
30.	Teaching Staff of Intermediate Colleges by Sex and District in Balochistan 2015-16 To 2017-18	Goal 4 Target 4.1 Indicator 4.1.1	Partially Aligned
31.	Class Wise Enrolment of Intermediate Colleges by Sex and District in Balochistan for The Year 2017-18	-do-	Institutional data
32.	Class Wise Enrolment of Intermediate Colleges by Sex and District In Balochistan For The Year 2017-18	-do-	-do-
33.	Number of Degree Colleges by Sex And District In Balochistan 2015-16 To 2017-18	-do-	-do-
34.	Enrolment of Degree Colleges by Sex and District In Balochistan 2015-16 To 2017-18	-do-	-do-
35.	Degree Level Enrolment of Degree Colleges by Sex and District in Balochistan 2015-16 To 2017-18	-do-	-do-
36.	Teaching Staff of Degree Colleges by Sex and District In Balochistan 2015-16 To 2017-18	Goal 4 Target 4.c Indicator 4.c.1	Partially Aligned
37.	Class Wise Enrolment of Degree Colleges by Sex And District In Balochistan For The Year 2017-18	-do-	Institutional data
38.	Number of Category Wise Educational Institutions by Type And Sex In Balochistan 2015-16 To 2017-18	-do-	-do-
39.	Enrolment of Category-Wise Educational Institutions by Type & Sex In Balochistan 2015-16 To 2017-18	-do-	-do-
40.	Teaching Staff of Category-Wise Educational Institutions by Type and Sex In Balochistan 2015-16 To 2017-18	Goal 4 Target 4.c Indicator 4.c.1	Partially Aligned
	FORESTRY		
1.	Area by District & Types under the control of Balochistan Forest Department 2017-18	Goal 15 Indicator 15.1.1	Aligned
2.	Major & Minor Forest Production in respect of Forest & Wildlife Balochistan 2017-18	Goal 15 Indicator 15.2.1	Not Aligned
	FUEL & POWER		
1.	Number of Consumers on WAPDA's System From 2004-05 to 2017 -18	Goal 7 Indicator 7.1.1	Aligned
2.	Number of villages electrified in Pakistan by province from 2004-05 to 2017-18	-do-	-do-
3.	Electricity Consumption & Number of Consumers in Balochistan 2017-18	-do-	-do-
4.	Number of Consumers by Types and District in Balochistan 2017-18	-do-	-do-
	HEALTH		
1.	District-wise Government Health Facilities in Balochistan from 2014-15 to 2017-18	Institutional data	Institutional data

2.	District-wise Private Health Facilities in Balochistan from 2014-15 to 2017-18	-do-	-do-
3.	District-wise B.H.U, M.C.H and T.B Clinics in Balochistan 2014-15 to 2017-18	-do-	-do-
4.	District-wise Doctors in Balochistan from 2014-15 To 2017-18	-do-	-do-
5.	District-wise Nurses in Balochistan from 2014-15 To 2017-18	-do-	-do-
6.	District-wise Paramedics in Balochistan from 2014-15 To 2017-18	-do-	-do-
7.	District-wise Patients Treated (In-door) and (Out-door) in Balochistan 2017-18	-do-	-do-
8.	District-wise Malaria Control Activities in Balochistan Jan. 2017-18	Goal 3 Indicator 3.3.3	Partially Aligned
9.	District-wise Immunization Coverage (children 0 - 11 months) Balochistan 2017-18	Goal 3 Indicator 3.b.1	Aligned
10.	District-wise Immunization Coverage (Pregnant Women) Balochistan 2017-18	Goal 3 Indicator 3.b.1	Aligned
FINANCE & BANKING			
1.	Provincial Expenditures of Balochistan from 2004-05 To 2017-18	Goal 1 Indicator 1.a.2	Aligned
		Goal 8 Indicator 8.4.2	Partially Aligned
		Goal 11 Indicator 11.4.1 Indicator 11.c.1	Partially Aligned
2.	Provincial Tax Receipts of Balochistan Budget 2017-18	Goal 17 Indicator 17.1.1 Indicator 17.1.2	Partially Aligned
3.	Provincial Non-Tax Receipts of Balochistan Budget. 2017-18	Institutional data	Institutional data
4.	Current Expenditure of Balochistan Budget.2017-18	Goal 11 Indicator 11.4.1 Indicator 11.c.1	Partially Aligned
5.	Loan Distributed by H.B.F.C in Balochistan 2003-04 to 2017-18	Institutional data	Institutional data
6.	Loan Distributed by A.D.B.P by Term in Balochistan 2001-02 to 2017-18	Institutional data	Institutional data
FISHERIES			
1.	Fisherman Population on Balochistan Coast for the year 2004 to 2018	Institutional data	Institutional data
2.	Number of Fishing Craft on Balochistan Coast for the year 2004 to 2018	Institutional data	Institutional data
3.	Local Consumption & Exportable Surplus of Fish on Makran Coast Balochistan 2018	Goal 14 Indicator 14.4.1	Partially Aligned
4.	Total Quantity of Fish by Kind on Balochistan Coast from 2013 to 2018	-do-	-do-
5.	Production & Value of Marine Fish Catch on Makran Coast Balochistan 2018	-do-	-do-
FOREIGN TRADE			
1.	Value of Foreign Trade from 2001-02 to 2017-18	Goal 17 Indicator 17.10.1 Indicator 17.11.1 Indicator 17.12.1	Partially Aligned
2.	Imports by Economic Categories from 2001-02 to 2017-18	Goal 17 Indicator 17.10.1 Indicator 17.11.1	Partially Aligned
3.	Exports by Economic Categories from 2001-02 to 2017-18	Goal 8 Indicator 8.1.1 Indicator 8.2.1	Aligned
		Goal 9 Indicator 9.2.1	Aligned

4.	Imports by Commodity / Groups from 2001-02 to 2017-18	Goal 17 Indicator 17.10.1 Indicator 17.11.1	Partially Aligned
5.	Exports by Commodity / Groups from 2001-02 to 2017-18	Goal 8 Indicator 8.1.1 Indicator 8.2.1	Aligned
		Goal 9 Indicator 9.2.1	Aligned
	INDUSTRIES		
1.	Summary Statistics by Industry Major Groups and Industries in Balochistan.	Indicator 9.2.1: Manufacturing value added as a proportion of GDP and per capita	Aligned
	Census of Manufacturing Industries (Large Scale) - 2005-06	Indicator 9.2.2: Manufacturing employment as a proportion of total employment	Partially Aligned
	LABOUR		
1.	Percentage Distribution of Population Civilian Labour Force in Balochistan 2017-18	Indicator 8.7.1: Proportion and number of children aged 5–17 years engaged in child Labour, by sex and age	Aligned
2.	Percentage Distribution of Population Civilian Labour Force Rural Balochistan 2017-18	-do-	-do-
3.	Percentage Distribution of Population Civilian Labour Force Urban Balochistan 2017-18	-do-	-do-
4.	Percentage Distribution of population by Level of Education Balochistan 2017-18	Institutional data	Institutional data
5.	Percentage Distribution of population by Level of Education (Rural) Balochistan 2017-18	-do-	-do-
6.	Percentage Distribution of population by Level of Education (Urban) Balochistan 2017-18	-do-	-do-
7.	Percentage Distribution of Employed Persons by Major Industry Division 2017-18	Indicator 9.2.2: Manufacturing employment as a proportion of total employment	Aligned
8.	Total Civilian Labour Force by Age & by Employment in Balochistan 2017-18	Institutional data	Institutional data
9.	Rural Civilian Labour Force by Age & by Employment in Balochistan 2017-18	-do-	-do-
10.	Urban Civilian Labour Force by Age & by Employment in Balochistan 2017-18	-do-	-do-
11.	Total Labour Force Participation Rates/Un-employment Rates in Balochistan 2017-18	Indicator 8.6.1: Proportion of youth (aged 15–24 years) not in education, employment or training	Aligned
12.	Rural Labour Force Participation Rates/Un-employment Rates in Balochistan 2017-18	-do-	-do-
13.	Urban Labour Force Participation Rates/Un-employment Rates in Balochistan 2017-18	-do-	-do-
	LIVESTOCK		
1.	Population of Livestock & Domestic Poultry in Balochistan in 2006 Census	Institutional data	Institutional data

2.	Projected Population of Livestock & Domestic Poultry in Balochistan 2017	-do-	-do-
3.	District-wise Veterinary Hospitals, Dispensaries, etc. in Balochistan 2017-18	-do-	-do-
4.	Animals Treated & Vaccinated & Castrated by district in Balochistan 2017-18	-do-	-do-
5.	Animals Slaughtered in Slaughter Houses by type & by district 2017-18	-do-	-do-
6.	Animals Slaughtered Privately by type and by district in Balochistan 2017-18	-do-	-do-
7.	Livestock Production in Balochistan 2017-18	-do-	-do-
	MINING		
1.	Mineral Production in Balochistan	Institutional data	Institutional data
2.	No. of Existing Mining Concessions & Area Granted for Minerals in Balochistan	-do-	-do-
3.	Minerals-wise Revenue Receipts in Balochistan	-do-	-do-
4.	District-wise mineral production in Balochistan	-do-	-do-
	NATIONAL ACCOUNTS		
1.	Gross National Product 2017-18 at Constant Basic Prices of 2005-06	Institutional data	Institutional data
2.	2 Gross National Product 2017-18 at Current Prices	-do-	-do-
3.	3 Gross Fixed Capital Formation 2017-18 at Current Market Price	-do-	-do-
4.	4 Gross Fixed Capital Formation 2017-18 at Constant Price 2005-06	-do-	-do-
	PUBLIC HEALTH ENGINEERING (PHE)		
1.	District-wise Water Supply Scheme of Public Health Engineering 193	Indicator 6.4.2: Level of water stress: freshwater withdrawal as a proportion of available freshwater resources	Not Aligned
2.	2 District-wise Water Supply Scheme of Public Health Engineering Run by Community	Indicator 6.5.1: Degree of integrated water resources management	Not Aligned
	POST OFFICE		
1.	Number of Post Offices by district in Balochistan from 2013-14 to 2017-18	Institutional data	Institutional data
	PRICE		
1.	Annual Average Whole Sale Prices of Selected Commodities in Quetta Market	Institutional data	Institutional data
2.	Retail Prices of Basic Articles of Consumption at Quetta Market	-do-	-do-
	RAILWAY		
1.	Pakistan Railways Operation in Balochistan 2014-15 T0 2017-18	Institutional data	Institutional data
2.	2 Number of Railway Passengers carried by class in Balochistan 2017-18 199	-do-	-do-
	ROAD		
1.	Total road in km Provincial by type and district in Balochistan 2016-17 & 2017-18	Indicator 9.1.1: Proportion of the rural population who live within 2 km of an all-season road	Not Aligned
		Indicator 9.1.2: Passenger and freight volumes, by mode of transport	Not Aligned

Annexure 6 Mapping Administrative Levels and Data Sources Against Each Indicator of SDGs

Goal 1: No Poverty End poverty in all its forms everywhere				
Targets	Indicators	Administrative Level	Concerned Departments	Sources of Data
1.1	1.1.1	District	Population Welfare Social Welfare, PBS	HIES, PBS
1.2	1.2.1	District	-do-	HIES
1.2.2	1.2.2	District	-do-	HIES
1.3	1.3.1	District	-do-	PSLM
1.4	1.4.1	District	WASA, WAPDA, BDA, QDA, GDA, UP&DD Sui Gas, Population Welfare Social Welfare	MICS
	1.4.2	District	BDA, QDA, GDA, UP&DD Land & Revenue	PSLM
1.5	1.5.1	District	PDMAs, NDMA	PDMA, NDMA
	1.5.2	Provincial	Finance Division, NDMA, PDMAs	ESP
	1.5.3	District	NDMA, PDMAs	NDMA
	1.5.4	District	PDMAs, NDMA, P&DD	NDMA
1.a	1.a.1	District	Population Welfare, Finance Department P&DD	HIES
	1.a.2	District	Population Welfare	PES, PINS, PBS, PDHS
	1.a.3	District	Mines & Minerals	PDMA, NDMA, PES
1.b	1.b.1	District	Women Development Social Welfare Population welfare	PES, HIES
Goal 2: Zero Hunger End hunger, achieve food security and improved nutrition and promote sustainable agriculture.				
Target	Indicator	Administrative level	Department alignment	Sources of Data
2.1	2.1.1	District	Agriculture Department, Food Department	MICS, PDHS
	2.1.2	District	Agriculture, Livestock and Food Department	MICS, PSLM, NNS
	2.2.1	District	Health Department	MICS, NNS, PDHS
	2.2.2	District	-do-	MICS, PDHS, NNS
2.3	2.3.1	District	Agriculture, Forestry, Livestock, Fisheries	PSLM
	2.3.2	District	Food Departments, Agriculture Department	PSLM, HICS
2.4	2.4.1	District	Agriculture Department Irrigation Department	PES
2.5	2.5.1	Provincial	Agriculture, Irrigation, Forestry, Fisheries	SBP
	2.5.2	Provincial	Livestock, Forestry Fisheries	TBD
2.a	2.a.1	District	Agriculture Department	PIFRA
	2.a.2	National	Agriculture Department	EAD
2.b	2.b.1	National	Agriculture Department Irrigation Department	PIFRA
2.c	2.c.1	District	Food Department	PBS
Goal 3: Good Health and Well-Being Ensure healthy lives and promote well-being for all at all ages				
Target	Indicator	Administrative Level	Department Alignment	Sources of Data
3.1	3.1.1	Provincial	Health Department	PDHS, PMMS, PSHS, MICS

	3.1.2	District	Health Department	PDS, PIHS, PSLM
3.2	3.2.1	District	Health Department	PDHS, PMMS
	3.2.2	District	Health Department	PDHS
3.3	3.3.1	District	Health Department	National Aid Control Program (NACP), DHQ
	3.3.2	District	Health Department	NTP, MICS, EPA
	3.3.3	District	Health Department	NACP
	3.3.4	District	Health Department	PSLM, MICS
	3.3.5	District	Health Department	National NTD program
3.4	3.4.1	Provincial	Health Department	DPS- PAK
	3.4.2	District	Health Department	MICS
3.5	3.5.1	District	Health Department	Narcotics Control Division of Ministry of Interior
	3.5.2	District	Health Department	PDHS
3.6	3.6.1	District	Health Department	Provincial BOS, PDHS, MICS, DHIS
3.7	3.7.1	District	Health Department	DHS, MICS, Finance Department
	3.7.2	District	Health Department	CHS
3.8	3.8.1	District	Health Department	PSLM, MNCH Program
	3.8.2	District	Health Department/ NIPS	HBS, HIES, PSLM
3.9	3.9.1	District	EPA	IER
	3.9.2	District	WASA	NA
	3.9.3	District	WASA	WHO, Global Assessment of Environmental Risk
3.a	3.a.1	District	Anti-Narcotics Department	NRPS
3.b	3.b.1	District	Health Department	PSLM
	3.b.2	National	Health Department	CRS
	3.b.3	District	Health Department	PDHS
3.c	3.c.1	District	Health Department	NHWA, National Census, LFS
3.d	3.d.1	District	Health Department	National AMR Surveillance System
Goal 4: Quality Education Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all				
Target	Indicator	Administrative Level	Department Alignment	Sources of Data
4.1	4.1.1	District	Secondary Education Department	PSLM, PES, NEAS, ASER
4.2	4.2.1	District	Secondary Education Department	PDHS, MICS
	4.2.2	District	Secondary Education Department	ASER
4.3	4.3.1	District	Higher Education Department Secondary Education Department	ASER
4.4	4.4.1	District	Education Department	PSLM
4.5	4.5.1	District	Education Department	PES
4.6	4.6.1	District	Education Department	PES, ASER

4.7	4.7.1	District	Education Department	N/A, (global indicator)
4.a	4.a.1	District	Education Department	EAD
4.b	4.b.1	National	Education Department	PES
4.c	4.c.1	District	Education Department	EMIS, PES
Goal 5: Gender Equality Achieve gender equality and empower all women and girls				
Target	Indicator	Administrative Level	Department Alignment	Sources of Data
5.1	5.1.1	District	Women Development Department	PDHS, CEDAW, HRCP
5.2	5.2.1	District	-do-	PDHS
	5.2.2	District	-do-	PDHS
5.3	5.3.1	District	-do-	PDHS
	5.3.2	District	-do-	PDHS
5.4	5.4.1	District	-do-	LFS
5.5	5.5.1	District	-do-	National/Provincial Assemblies of Pakistan
	5.5.2	District	-do-	PBS
5.6	5.6.1	District	-do-	DHS
	5.6.2	Provincial	-do-	PDHS
5.a	5.a.1	District	-do-	LFS, DHS
	5.a.2	National	Women Development, Law Parliamentary Affairs Department	DHS
5.b	5.b.1	District	Women Development Department	HIES, PSLM, DHS
5.c	5.c.1	Provincial	-do-	PDHS, Pak-IMAGES
Goal 6: Clean Water and Sanitation Ensure availability and sustainable management of water and sanitation for all				
Target	Indicator	Administrative Level	Department Alignment	Sources of Data
6.1	6.1.1	District	PHE, WASA, WAPDA, Population Welfare Department	MICS, PSLM, PDMA, PDHS
6.2	6.2.1	District	WASA	PSLM, MICS
6.3.	6.3.1	District	PHE, WASA	PBS, PES
	6.3.2	District	WASA, WAPDA, PHE	UN-PAK, UN Environment Program
6.4	6.4.1	District	Irrigations, PHE, WASA	PES
	6.4.2	Provincial	Irrigations, PHE	N/A
6.5	6.5.1	District	WAPDA	IWRM
	6.5.2	National	WASA, WAPDA, PHE	IWRM
6.6	6.6.1	National	EPA, Forest Dept. PHE	UN-PAK
6.a	6.a.1	National	WAPDA, PHE	N/A
6.b	6.b.1	District	WASA, WAPDA, PHE	UN-PAK, TBD
Goal 7: Affordable and Clean Energy Ensure access to affordable, reliable, sustainable and modern energy for all				
Target	Indicator	Administrative Level	Department Alignment	Sources of Data
7.1	7.1.1	District	Energy Department, WAPDA, QESCO	HSS, MTF, DHS, LSMS, MICS
	7.1.2	District	Energy Department	DHS, LSMS, MICS
7.2	7.2.1	Provincial	Energy Department	PDHS
7.3	7.3.1	Provincial	Energy Department	National Economic Council (NEC)
7.a,	7.a.1	Global	Energy Department	OECD

7.b	7.b.1	National	Energy Department	Annual Questionnaire Cycle
Goal 8: Decent Work and Economic Growth Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all.				
Target	Indicator	Administrative Level	Department Alignment	Sources of Data
8.1	8.1.1.	National	PBS, P&DD Finance Department	PES, NEC, HIES
8.2	8.2.1	National	-do-	PES
8.3	8.3.1	District	PBS, BoS Labour and Manpower Finance Department	PES, LFS, HIES
8.4	8.4.1	Provincial	PBS, BoS	HIES
	8.4.2	Provincial	PBS, BoS	PES
8.5	8.5.1	District	PBS, BoS, Labour and Manpower	LFS, HIES
	8.5.2	District	-do-	LFS, PES, NEC
8.6	8.6.1	District	Labour and Manpower, Population Welfare	LFS, PES
8.7	8.7.1	District	-do-	LFS, PES
8.8	8.8.1	District	Labour and Manpower	LFS, PES
	8.8.2	Provincial	-do-	Ministry of Overseas Pakistan and Human Resource Development
8.9	8.9.1	Provincial	Culture and tourism Department	National Accounts
	8.9.2	Provincial	-do-	PSLM
8.10	8.10.1	District	Industries and commerce	SBP
	8.10.2	District	-do-	SBP
8.a	8.a.1	Global	-do-	EAD
8.b	8.b.1	Provincial	Industries and Commerce, Labour and Manpower	Annual Budget Statement
Goal 9: Industry, Innovation and Infrastructure Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation.				
Target	Indicator	Administrative Level	Department Alignment	Sources of Data
9.1	9.1.1	District	C&W Department	PSLM
	9.1.2	Provincial	C&W Department Railways, Transport	PBS
9.2	9.2.1	Provincial	Industry and Commerce	PES
	9.2.2	District	Industries & Commerce, Labour & Manpower, P&DD	PSLM
9.3	9.3.1	Provincial	Industries & Commerce	PES
	9.3.2	Provincial	-do-	PES
9.4	9.4.1.	District	EPA	Compendium of Environmental Statistics
9.5	9.5.1	Provincial	Industries & Commerce, P&DD	Annual Budget Statement
	9.5.2	Provincial	-do-	TBD
9.a	9.a.1	National	C&W, P&DD, Railway	PSLM, SBP
9.b	9.b.1	Provincial	Industries and commerce	PBS
9.c	9.c.1	District	-do-	EAD/PTA
Goal 10: Reduced Inequalities Reduce inequality within and among countries				
Target	Indicator	Administrative Level	Department Alignment	Sources of Data
10.1	10.1.1	District	PBS, BoS	HIES, PES, HDR

10.2	10.2.1	District	PBS, BoS, Population Welfare, Social Welfare	HIES, PSC-BISP
10.3	10.3.1	District	Home Department Social Welfare, Population Welfare	MICS
10.4	10.4.1	District	PBS, BoS, Labor and Manpower	PES, PBS, LFS
10.5	10.5.1	National	Finance Department	SBP, FAS by Gallup Pakistan, PES
10.6	10.6.1	Global	National Level	UNHCR
10.7	10.7.1	National	National Level	HIES, LSS, LFS
	10.7.2	National	National Level	OECD
10.a	10.a.1	National	Board of Revenue	FBR, PES, PBS, PFBS
10.b	10.b.1	National	P&DD	EAD
10.c	10.c.1	National	-do-	SBP
Goal 11: Sustainable Cities and Communities Make cities and human settlements inclusive, safe, resilient and sustainable				
Target	Indicator	Administrative Level	Department Alignment	Sources of Data
11.1	11.1.1	District	P&DD, UP&DD, QDA, BDA	HIES, PSLM, MICS
11.2	11.2.1	District	Provincial Transport Authority, Balochistan, Road Transport Authority	PES
11.3	11.3.1	Provincial	PBS, BoS, UP&DD, QDA	SUPARCO, Pakistan
	11.3.2	District	UP&DD, QDA, GDA	Capital Administration and Development Division (CADD)
11.4	11.4.1	District	Culture, Tourism and Archive Department	Demand for Grants Book of Ministry of Finance
11.5	11.5.1	District	NDMA, PDMA, Health Department	NDMA
	11.5.2	District	-do-	NDMA
11.6	11.6.1	District	MCQ	ISWM
	11.6.2	District	EPA	EPA
11.7	11.7.1	District	UP&DD, QDA, GDA	CADD
	11.7.2	District	Home Department, Women Development	PDHS
11.a	11.a.1	District	UP&DD, C&W, BDA, QDA	CADD
11.b	11.b.1	District	NDMA	NDMA
	11.b.2	District	NDMA, PDMA	NDMA
11.c	11.c.1	District	UP&DD, QDA, C&W GDA, BDA,	PDA Secretariat, (Pakistan Development Alliance)
Goal 12: Responsible Consumption and Production Ensure sustainable consumption and production patterns.				
Target	Indicator	Administrative Level	Department Alignment	Sources of Data
12.1	12.1.1	National	National Level	PES, PBS
12.2	12.2.1	National	PBS	PES, PBS
	12.2.2	National	PBS, BoS	PES, PBS
12.3	12.3.1	District	Food Department	WFP
12.4	12.4.1	District	EPA, PHE Industries & Commerce Department,	MEAs

	12.4.2	District	PHE, EPA	WCS
12.5	12.5.1	District	PHE, Irrigation	PBS, EPA
12.6	12.6.1	Provincial	PBS, BoS	SECP
12.7	12.7.1	National	National Level	N/A
12.8	12.8.1	Provincial	Education Department, EPA	PES, PSLM, HEC
12.a	12.a.1	Provincial	Energy, WAPDA	PBS
12.b	12.b.1	Provincial	Culture and Tourism	PTS
12.c	12.c.1	National	Energy, WAPDA	PES
Goal 13: Climate Action Take urgent action to combat climate change and its impacts.				
Target	Indicator	Administrative Level	Department Alignment	Sources of Data
13.1	13.1.1	District	NDMA, Health	NDMA
	13.1.2	National	NDMA	PDMA
	13.1.3	Provincial	NDMA, PDMA	NFP, VNR–Pakistan
13.2	13.2.1	National	EPA	NFP
13.3	13.3.1	Global	Secondary Education Department Schools Higher and Technical Education Department	VNR – Pakistan
	13.3.2	Global	National/Country level	N/A
13.a	13.a.1	Global	P&DD, EPA	EAD
13.b	13.b.1	Global	P&DD, EPA	N/A
Goal 14: Life Below Water Conserve and sustainably use the oceans, seas and marine resources for sustainable development.				
Target	Indicator	Administrative Level	Department Alignment	Sources of Data
14.1	14.1.1	National	Mercantile Marine Department	NEC
14.2	14.2.1	National	-do-	NR, BCS
14.3	14.3.1	National	-do-	National Institute of Oceanography
14.4	14.4.1	Provincial	Fisheries Department	Fish Stocks Assessment Survey
14.5	14.5.1	National	Mercantile Marine Department, Fisheries Department	WDPA
14.6	14.6.1	National	Fisheries Department, Mercantile Marine Department	SDGs Support Unit
14.7	14.7.1	Provincial	-do-	ESP
14.a	14.a.1	Provincial	-do-	HEC
14.b	14.b.1	National	Fisheries Department	-
14.c	14.c.1	National	Mercantile Marine Department	RPF
Goal 15: Life on Land Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss.				
Target	Indicator	Administrative Level	Department Alignment	Sources of Data
15.1	15.1.1	Provincial	Forest & Wildlife Department	PES
	15.1.2	Provincial	Forest & Wildlife Department, EPA	IUCN-Pak
15.2	15.2.1	District	Forest & Wildlife Department, EPA	PES
15.3	15.3.1	District	Forest & Wildlife Department	WHO
15.4	15.4.1	Provincial	Forest & Wildlife Department	IUCN, NR

	15.4.2	Provincial	Forest & Wildlife Department	Ministry of Climate Change, Government of Pakistan
15.5	15.5.1	Provincial	Forest & Wildlife Department	Zoological Survey of Pakistan, IUCN-Pak,WWF-Pak
15.6	15.6.1	National	Ministry of Climate Change	Ministry of Climate Change
15.7	15.7.1	National	Forest & Wildlife Department	WWF-Pak
15.8	15.8.1	National	-do-	WWF-Pak
15.9	15.9.1	National	National Level	EPA
15.a	15.a.1	National	Forest & Wildlife Department, EPA	PIFRA
15.b	15.b.1	National	Forest & Wildlife Department	PIFRA
15.c	15.c.1	National	Forest & Wildlife Department	WHO, FAO
Goal 16: Peace, Justice and Strong Institutions Promote peaceful and inclusive societies for sustainable development, provide access to justice for all and build effective, accountable and inclusive institutions at all levels.				
Target	Indicator	Administrative Level	Department Alignment	Sources of Data
16.1	16.1.1	National	Home Department, Prosecution	JSP
	16.1.2	District	-do-	PBS
	16.1.3	District	Home Department, Prosecution,	PDHS
	16.1.4	District	Prosecution. Home Department,	MICS
16.2	16.2.1	District	Prosecution, Home Department,	MICS
	16.2.2	Provincial	-do-	PDHS
	16.2.3	District	Prosecution, Women Development, Social Welfare, Population Welfare, Home Department	DHS
16.3	16.3.1	District	-do-	DHS, PBS
	16.3.2	District	Home Department	National Economic Council (NEC)
16.4	16.4.1	National	Home Department,	SBP
	16.4.2	Provincial	-do-	Ministry of Interior (Federal Level) and Home Department
16.5	16.5.1	District	Home Department	Gallup Pakistan
	16.5.2	District	Home Department	-do-
16.6	16.6.1	District	Finance department	PIFRA
	16.6.2	District	Social Welfare Department	Transparency International Pakistan
16.7	16.7.1	District	Prosecution, Law & Parliamentary Affairs,	S&GAD and Establishment Division
	16.7.2	District	-do-	PSLM
16.8	16.8.1	District	National/Country level	DHS
16.9	16.9.1	District	Health	PSLM
16.10	16.10.1	District	Home Department,	Ministry of Interior (Federal Level)

				and Home Department
	16.10.2	National	Home Department, Police Department	Ministry of Information & Broadcasting
16.a	16.a.1	National	Home Department, Prosecution	Ministry of Human Rights
16.b	16.b.1	District	Prosecution	Gallup Pakistan, DHS
Goal 17: Partnerships for the goals Strengthen the means of implementation and revitalize the Global Partnership for Sustainable Development.				
Target	Indicator	Administrative Level	Department Alignment	Sources of Data
17.1	17.1.1.	National	FBR, Board of Revenue	VNR
	17.1.2	National	-do-	VNR, HIES, FBShttp://www.pbs.gov.pk/sites/default/files/pslm/publications/hies2013_14/HIES_2013-14_18_03_2015.pdf,PSLM
17.2	17.2.1	Global	National Level	N/A
17.3	17.3.1	National	Ministry of Finance	WIPS, PES
	17.3.2	National	-do-	VNR, ESP
17.4	17.4.1	National	-do-	ESP
17.5	17.5.1	National	National	N/A
17.6	17.6.1	National	Telecommunication, PTA	Broadband Subscriber Survey
	17.6.2	District	-do-	N/A
17.7	17.7.1	Global	Ministry of Science & Information Technology	N/A
17.8	17.8.1	District	Telecommunication, PTA	MICS, PTA
17.9	17.9.1	Global	Ministry of Finance	PDHS
17.10	17.10.1	National	FBR, Ministry of Finance	N/A
17.11	17.11.1	Global	TDA, EPB	PSLM, PBS
17.12	17.12.1	National	FBR, Finance, Board of Revenue	N/A
17.13	17.13.1	National	Industries and Commerce	PDS, ESP
17.14	17.14.1	National	P&DD	N/A
17.15	17.15.1	National	-do-	N/A
17.16	17.16.1	National	-do-	N/A
17.17	17.17.1	Provincial	-do-	ESP
17.18	17.18.1	District	-do-	PBS
	17.18.2	Provincial	P&DD, PBS	-do-
	17.18.3	Provincial	-do-	PBS
17.19	17.19.1	Provincial	-do-	N/A
	17.19.2	National	PBS	PBS

Annexure 7 Recommendations for Statistical Cells in Line Departments

Departments	Statistical Capacity Ranking	SDGs Alignment Ranking	Recommendations
Mines & Minerals	High	Low	▪ IT Equipment need to be provided ▪ Awareness Trainings on SDGs should be provided to the staff ▪ SDGs aligned proforma/tools for data collection should be prepared for the department.
Agriculture	High	Medium	▪ Need financial support for data collection and processing ▪ Awareness trainings on SDGs and statistical capacity development ▪ Furniture needs to be provided ▪ Half of the staff lack IT equipment. IT equipment such as computers need to be provided for data analysis and processing ▪ Human resource management is required ▪ SDGs aligned proforma/tools for data collection should be prepared for the department.
Secondary Education Schools	High	Low	▪ Need financial support for data collection and processing ▪ Awareness Trainings on SDGs and statistical capacity ▪ Furniture and stationery need to be provided sufficiently ▪ Logistics should be provided by the govt for data collection process. ▪ Human resource management is required ▪ SDGs aligned proforma/tools for data collection should be prepared for the department.
Social Welfare	Medium	Low	▪ Establishment of statistical cell in the department ▪ Sufficient finances for data collection, processing and reporting should be provided ▪ Staff for data collection should be hired ▪ Logistics should be provided by the govt for data collection process. ▪ SDGs aligned proforma/tools for data collection should be prepared for the department.
Registrar Cooperative Societies	Medium	Low	▪ A statistical cell should be established. Currently, the Performa should be provided by BoS and publish its data. ▪ IT equipment should be provided for data analysis and processing ▪ Sufficient finances for data collection, processing and reporting should be provided ▪ Awareness trainings should be provided on SDGs ▪ Department has no capability to conduct any survey so government should enhance the survey conducting capability, thus relevant HR may be hired ▪ SDGs aligned proforma/tools for data collection should be prepared for the department.
Law & Parliamentary Affairs	Medium	Low	▪ A statistical cell should be established. ▪ Awareness trainings on SDGs should be provided. ▪ IT equipment should be provided for data analysis and processing ▪ SDGs aligned proforma/tools for data collection should be prepared for the department.
Services & General Administration	Medium	Low	▪ Currently, their data is not published. Appropriate data may be sent to BoS for publication. ▪ Sufficient finances for data collection, processing and reporting should be provided ▪ Awareness trainings should be provided on SDGs

Fisheries	Medium	Low	▪ Statistical cell may be established. Currently, their data is not published. Appropriate data may be sent to BoS for publication. ▪ Sufficient finances for data collection, processing and reporting should be provided ▪ Awareness trainings should be provided on SDGs along with training for statistical capacity development ▪ SDGs aligned proforma/tools for data collection should be prepared for the department.
Youth Affairs	Medium	Low	▪ Statistical cell may be established. Currently, their data is not published. Appropriate data may be sent to BoS for publication. ▪ Sufficient finances for data collection, processing and reporting should be provided ▪ Awareness trainings should be provided on SDGs along with training for statistical capacity development ▪ The limited physical infrastructure and technical capacity may be enhanced by providing sufficient finances. ▪ SDGs aligned proforma/tools for data collection should be prepared for the department.
Irrigation	Medium	Low	▪ Statistical cell may be established. Currently, their data is not published. Appropriate data may be sent to BoS for publication. ▪ Sufficient finances for data collection, processing and reporting should be provided ▪ Awareness trainings should be provided on SDGs along with training for statistical capacity development ▪ SDGs aligned proforma/tools for data collection should be prepared for the department.
Food	Medium	Low	▪ HR for data collection, analysis and reporting are not enough. Appropriate HR may be hired. ▪ Sufficient infrastructure for statistical cell may be arranged ▪ Awareness trainings should be provided on SDGs along with training for statistical capacity development ▪ SDGs aligned proforma/tools for data collection should be prepared for the department.
Finance	High	Low	▪ Furniture is highly insufficient for the staff. Sufficient furniture for statistical cell may be arranged ▪ Awareness trainings should be provided on SDGs for efficiency and alignment of data. ▪ SDGs aligned proforma/tools for data collection should be prepared for the department.
Health	High	Low	▪ Finances for data collection, analysis and reporting are not sufficient. Sufficient finances for data collection, processing and reporting should be provided. ▪ Awareness trainings should be provided on SDGs for efficiency and alignment of data. ▪ SDGs aligned proforma/tools for data collection should be prepared for the department.
Religious Affairs	Low	Low	▪ Statistical cell may be established. Currently, their data is not published. Appropriate data may be sent to BoS for publication. The role of religious affairs department is crucial in achieving SDGs. ▪ Sufficient finances for establishing data collection, processing and reporting facilities at the statistical cell. ▪ Awareness trainings should be provided on SDGs along with training for statistical capacity development ▪ SDGs aligned proforma/tools for data collection should be prepared for the department.
Minorities	Low	Low	▪ Statistical cell may be established. Currently, their data is not published. Appropriate data may be sent to BoS

			for publication. The role of minorities is crucial in achieving SDGs. ▪ Sufficient finances for establishing data collection, processing and reporting facilities at the statistical cell. ▪ Awareness trainings should be provided on SDGs along with training for statistical capacity development. ▪ SDGs aligned proforma/tools for data collection should be prepared for the department.
Industries & Commerce	High	Low	▪ Awareness trainings should be provided on SDGs along with training for statistical capacity development ▪ Technical capacity is low. Updated IT equipment such as computers, and printers for data collections should be provided. ▪ Sufficient finances for arranging vehicles for data collection for the statistical cell should be provided. ▪ SDGs aligned proforma/tools for data collection should be prepared for the department.
Provincial Transport Authority Balochistan	Low	Low	▪ Statistical cell may be established. Currently, their data is not published. Appropriate data may be sent to BoS for publication. ▪ Sufficient finances for hiring HR for statistical cell is also needed. ▪ Awareness trainings should be provided on SDGs along with training for statistical capacity development ▪ SDGs aligned proforma/tools for data collection should be prepared for the department.
Culture	Medium	Low	▪ Statistical cell may be established. Currently, their data is not published. Appropriate data may be sent to BoS for publication. ▪ Sufficient finances for hiring HR for statistical cell is also needed. Sufficient stationary is needed. ▪ Awareness trainings should be provided on SDGs along with training for statistical capacity development ▪ SDGs aligned proforma/tools for data collection should be prepared for the department.
Higher/ Technical Education	High	Low	▪ EMIS may be strengthened for reporting of more SDGs indicators. ▪ Technical tools should be provided to the staff for the processing and analyzing of data, there is need for Computers, Laptops and Photostat Machines. ▪ Awareness trainings should be provided on SDGs along with training for statistical capacity development ▪ SDGs aligned proforma/tools for data collection should be prepared for the department.
Population Welfare	Medium	Low	▪ Technical tools should be provided to the staff for the processing and analyzing of data, there is need for Computers, Laptops and Photostat Machines. ▪ Awareness trainings should be provided on SDGs along with training for statistical capacity development ▪ SDGs aligned proforma/tools for data collection should be prepared for the department.
Labor and Manpower	Medium	Low	▪ Statistical cell may be established. Currently, their data is not published. Appropriate data may be sent to BoS for publication. HR for the cell may be hired. ▪ Technical tools should be provided to the staff for the processing and analyzing of data, there is need for Computers, Laptops and Photostat Machines. ▪ Sufficient finances for establishing data collection, processing and reporting facilities at the statistical cell. ▪ Awareness trainings should be provided on SDGs along with training for statistical capacity development. ▪ SDGs aligned proforma/tools for data collection should be prepared for the department.

Local Govt/ Rural Development	Low	Low	▪ Statistical cell may be established. HR for the cell may be hired. ▪ Technical tools should be provided to the staff for the processing and analyzing of data, there is need for Computers, Laptops and Photostat Machines. ▪ Sufficient finances for establishing data collection, processing and reporting facilities at the statistical cell. ▪ Awareness trainings should be provided on SDGs along with training for statistical capacity development ▪ SDGs aligned proforma/tools for data collection should be prepared for the department.
Sui Southern Gas Company	Low	Low	▪ Awareness trainings should be provided on SDGs along with training for statistical and technical capacity development ▪ SDGs aligned proforma/tools for data collection should be prepared for the department.
Forest	Medium	Low	▪ Statistical cell is available but highly deficient in HR, thus relevant HR for the cell may be hired. ▪ Technical tools should be provided to the staff for the processing and analyzing of data, there is need for Computers, Laptops and Photostat Machines. ▪ Sufficient finances for establishing data collection, processing and reporting facilities at the statistical cell. ▪ Awareness trainings should be provided on SDGs along with training for statistical capacity development ▪ SDGs aligned proforma/tools for data collection should be prepared for the department.
Environmental Protection Agency (EPA)	Low	Low	▪ Statistical cell may be established. HR for the cell may be hired. ▪ Technical tools should be provided to the staff for the processing and analyzing of data, there is need for Computers, Laptops and Photostat Machines. ▪ Sufficient finances for establishing data collection, processing and reporting facilities at the statistical cell. ▪ Awareness trainings should be provided on SDGs along with training for statistical capacity development ▪ SDGs aligned proforma/tools for data collection should be prepared for the department.
Livestock	High	Low	▪ Sufficient finances for establishing data collection, processing and reporting facilities at the statistical cell. ▪ Awareness trainings should be provided on SDGs along with training for statistical capacity development ▪ The technology for real time data should be provided. ▪ SDGs aligned proforma/tools for data collection should be prepared for the department.
Urban Planning And Development Department	High	Low	▪ Technical tools should be provided to the staff for the processing and analyzing of data, there is need for Computers, Laptops and Photostat Machines. ▪ Sufficient space should be arranged for data processing and reporting at the statistical cell. ▪ Awareness trainings should be provided on SDGs along with training for statistical capacity development ▪ SDGs aligned proforma/tools for data collection should be prepared for the department.
Women Development	High	Low	▪ Statistical cell needs to be established with relevant HR and appreciate space. ▪ Technical tools should be provided to the staff for the processing and analyzing of dat. ▪ Sufficient finances for establishing data collection, processing and reporting facilities at the statistical cell. ▪ Awareness trainings should be provided on SDGs along with training for statistical capacity development

			▪ SDGs aligned proforma/tools for data collection should be prepared for the department.
Sports	Low	Low	▪ Statistical cell needs to be established with relevant HR and appreciate space. ▪ Technical tools should be provided to the staff for the processing and analyzing of dat. ▪ Sufficient finances for establishing data collection, processing and reporting facilities at the statistical cell. ▪ Awareness trainings should be provided on SDGs along with training for statistical capacity development ▪ SDGs aligned proforma/tools for data collection should be prepared for the department.
Communicatio n & Works	Medium	Low	▪ Awareness trainings should be provided on SDGs along with training for statistical capacity development ▪ Technical tools with skilled HR should be provided to P& D Cell for processing and analyzing of data.
Planning and Development	Medium	Low	▪ Awareness trainings should be provided on SDGs. ▪ SDGs aligned proforma/tools for data collection should be prepared for the department.
PHE Department	High	Low	▪ MIS is present but not functional, steps may be taken for making it operational. Statistical cell needs to be established with relevant HR. ▪ Finances for data collection may be provided. ▪ Technical tools such as computer should be provided for the processing and analyzing of data. ▪ Relevant staff should be hired for data collection, processing and reporting facilities at the statistical cell. ▪ Awareness trainings should be provided on SDGs along with training for statistical capacity development ▪ SDGs aligned proforma/tools for data collection should be prepared for the department.

Annexure 8 Checklist for Data Collection

Checklist

For

Capacity Need Assessment (CNA) of Statistical Cells

Note. This checklist is for collecting information on the capacity of statistical cell in the BoS Balochistan and government departments.

Department:
Location:

Respondent's Information

1.	Name	
2.	Designation	
3.	Qualification	
4.	Cell No.	
5.	Email Address	

Human Resource Capacity

S. No	Designation	Status	Qualification
1.		1[ ]Yes 2[ ]No	
2.		1[ ]Yes 2[ ]No	
3.		1[ ]Yes 2[ ]No	
4.		1[ ]Yes 2[ ]No	
5.	Research Officer	1[ ]Yes 2[ ]No	
6.	Computer Operators	1[ ]Yes 2[ ]No	
7.	Computer Programmer	1[ ]Yes 2[ ]No	
8.	Database Administrator	1[ ]Yes 2[ ]No	
9.	Data Analyst	1[ ]Yes 2[ ]No	
10.	Statistical Investigator	1[ ]Yes 2[ ]No	
11.	Statistical Officer	1[ ]Yes 2[ ]No	
12.	Statistical Assistant	1[ ]Yes 2[ ]No	
13.	Senior Clerk	1[ ]Yes 2[ ]No	
14.	Junior Clerk	1[ ]Yes 2[ ]No	
15.	Superintendent	1[ ]Yes 2[ ]No	

16.	Assistant/Naib Qasid	1[ ]Yes 2[ ]No	
17.	Other_____		

The Skillset of the Human Resource

S.No	Employees	Name and Qualification
1.	No of employees who are good at data collection	
2.	No of employees who are good at data analysis	
3.	No of employees who are good at report writing	

Note= Skills include; 1=data collection, 2=data analysis; 3=report writing; 4=expertise in Excel, SPSS.

Trainings Conducted for Statistical Cell's Staff

S. No	Title of Trainings	Year (Duration)	Name of Employees who Attended Training
1.			
2.			
3.			

Infrastructure Capacity

S. No	Rooms	Status	Number	Remarks
1.	Main Office	1[ ]Yes 2[ ]No		
2.	Data Operator Office	1[ ]Yes 2[ ]No		
3.	Offices/Rooms for Officers	1[ ]Yes 2[ ]No		
4.	Archive Room/Library	1[ ]Yes 2[ ]No		
5.	Meeting Room	1[ ]Yes 2[ ]No		
6.	Other _____			
Furniture and Fixture				
1.	Enough Office Furniture	1[ ]Yes 2[ ]No		
Communication Capacity				
1.	Telephone	1[ ]Yes 2[ ]No		
2.	Fax	1[ ]Yes 2[ ]No		
3.	Internet/Wifi	1[ ]Yes 2[ ]No		
4.	WhatsApp Groups	1[ ]Yes 2[ ]No		
5.	Other_____			

Technical Capacity

Availability of IT Equipment				
S. No	Items	Status	No	Remarks

1.	Desktop Computers	1[ ] Yes 2[ ] No		
2.	Tablets	1[ ] Yes 2[ ] No		
3.	Laptop	1[ ] Yes 2[ ] No		
4.	Printer	1[ ] Yes 2[ ] No		
5.	Scanner	1[ ] Yes 2[ ] No		
6.	Photostat Machine	1[ ] Yes 2[ ] No		
7.	Other_____			
Availability of Stationery				
1.	Enough Stationery Available	1[ ] Yes 2[ ] No		
Availability of Logistics				
1.	Vehicles for data collection are available	1[ ] Yes 2[ ] No		
2.	Source of conveyance for data collection	1[ ] Govt 2[ ] Private 3[ ] Personal		
3.	Staff available for data collection	1[ ] Yes 2[ ] No		

Data Management Capacity		
1.	Is there any specific statistical cell in the department that manages administrative/ departmental data?	1[ ] Yes 2[ ] No
2.	What is the title of statistical cell?	1[ ] Planning and Development Cell 2[ ] Statistical Cell 3[ ] IT Section 4[ ] Data Management Unit 5[ ] Management Information System Cell 6[ ] Other_____
3.	Does your department collect primary data?	1[ ] Yes 2[ ] No
4.	During what interval data are collected?	1[ ] Each Year Regularly 2[ ] Not Regular
5.	Are questionnaires/proforma available for data collection?	1[ ] Yes 2[ ] No 3[ ] Not Sure
6.	Who designed tools/questionnaires /proforma for data collection?	1[ ] Department Itself 2[ ] Others_____ 3[ ] Not Applicable

7.	How primary data is collected?	1[ ] Through Email 2[ ] Through WhatsApp 3[ ] By Department Staff 4[ ] By Survey 5[ ] Other_____
8.	How old are the tools/questionnaire? How often are they updated?	1[ ] Never 2[ ] Rare 3[ ] Usually (Yearly)
9.	Which questionnaires are used for data collection?	1[ ] BoS Proforma 2[ ] Departmental Questionnaires 3[ ] Others_____
10.	Type of data collected?	1[ ] Performance Indicators 2[ ] Specific Purpose Data 3[ ] Other_____
11.	Are data analyses conducted by the department?	1[ ] Yes 2[ ]No 3[ ] Other_____
12.	How about departmental data availability?	1[ ] Website 2[ ] Department Office
13.	What is the mode of data availability?	1[ ] Soft 2[ ]Hard
14.	What is the use of departmental data?	1[ ] Sent to BoS for Publication 2[ ] Departmental Use 3[ ] Other _____
15.	How the data of your department is published?	1[ ] BoS Publishes 2[ ] Department Publishes 3[ ] Other_____
16.	Is your department capable to conduct a survey on department's related topic?	1[ ] Yes 2[ ] No 3[ ] Not Sure
Sufficiency of Financial Support		
1.	Sufficient finances are available for data collection	1[ ] Yes 2[ ] No
2.	Sufficient finances are available for data processing	1[ ] Yes 2[ ] No
3.	Sufficient finances are available for data publication and reporting	1[ ] Yes 2[ ] No

Details of Publications			
S. No	Title	Interval	Mode of Publication
1.			
2.			
3.			

SDG Awareness among the HR of Statistical Cell

S. No	SDG Awareness	Status			
1.	Your department is aware of Sustainable Development Goals (SDGs)?	Strongly Disagree	Disagree	Agree	Strongly Agree
2.	Your department has received official directives for the collection of SDG related data?	Strongly Disagree	Disagree	Agree	Strongly Agree
3.	The collected data by your department is aligned with SDGs and indicators?	Strongly Disagree	Disagree	Agree	Strongly Agree
4.	Your department has staff who is aware about SDGs?	Strongly Disagree	Disagree	Agree	Strongly Agree
5.	Your department has staff member who has attended a seminar/ workshop on SDGs?	Strongly Disagree	Disagree	Agree	Strongly Agree
6.	Your department has received information/ awareness through letters, pamphlet, brochures or emails about SDGs?	Strongly Disagree	Disagree	Agree	Strongly Agree

What are the basic needs of the statistical cell of your department?

S.No.	Items	Rank	Remarks
1.	Human Resources		
2.	Technical/Statistical Capacity		
3.	Trainings for Data Analysis and SDGs awareness		
4.	Logistics and Communication		
5.	Hardware and Software needed		
6.	Finances		
7.	Other		

Note. Rank means priority ranking from 1-6.

What are your suggestions for the development and strengthening of the statistical cell in your department?

S. No.	Suggestions
1.	
2.	
3.	
4.	
5.	

Thank you for your time and support

Annexure 9 Semi-Structured Interviews

Bio-Data

1.	Name	
2.	Department/Institution	
3.	Designation	
4.	Qualification	
5.	Age	
6.	Appointment (Length of Service)	Year _____ (_____)
7.	Duration of Current Post	
8.	Cell No.	
9.	Email Address	
10.	Interview Started	
11.	Interview Ended	

Current Basic Responsibilities

1.	
2.	

Additional Responsibilities

1.	
2.	

Training acquired (Personal)

S. No	Title of Trainings	Year (Duration)	Location
1.			
2.			
3.			

Trainings acquired (Organization)

S. No	Title of Trainings	Year (Duration)	Who Attended
1.			
2.			
3.			
4.			

Current and Previous Work Experience

S. No	Department	Year (Duration)	Served as
1.			
2.			

Knowledge

1.	What are the role and functions of BoS?
2.	As a Director/Deputy Director (Stakeholder) of BoS, what are your basic functions?
3.	What type of data your department collect?
4.	What types of data collection tools BoS use to collect data from line departments?
5.	How often tools/proformas are revised? Who revise tools of BoS and how?
6.	Does BoS have any plan to adopt SDGs in the province?
7.	What are the data gapes do you consider in the data coming from the line departments?

Awareness about SDGs and Its Adoption

1.	Do you know about Sustainable Development Goals (SDGs)? [Yes, NO] If YES, please explain

2.	Have you ever attended any training/seminar regarding SDGs agenda 2030? If YES, please explain
3.	Do you have a dedicated division/person to deal with global agenda such as "SDGs" in your organization? If YES, please name the dedicated division and contact person (Name, position, email, mobile number)
	If NO, please name the most related division and contact person (Name, position, email, mobile number) who can be a best resource if trained
4.	What interest you the most about SDG?
	1. More information (knowledge) about SDG
	2. The benefits of SDG to BoS
	3. The relevance between BoS and SDG
	4. Actions have been taken by other BoS to achieve SDG
	5. Specify what knowledge/benefit/relevance/type of actions
5.	What form of message do you think is the most effective way to communicate SDG to BoS?
	1. Evidence-based fact sheet about SDG that can be used for BoS advocacy works
	2. Comprehensive study about the relevance between SDG and BoS
	3. Policy brief as an input for policy reform of BoS on SDG implementation
	4. Best practices compilation of other BoS programs/projects on SDG
	5. Goal specific topic of SDG related to on-going programs of BoS
	6. Others (Please specify)
6.	From which communication media or tools would you most want to get to know about SDGs? (Please READ ALL OPTIONS FIRST then RANK from 1 to 6)
	1. Resource person
	2. Regular publication in printed media platform (bulletin, newspaper, booklet)
	3. Regular publication in digital media platform (web site, social media, internet portal, e-library)
	4. Regular email updating about SDG e-news
	5. International seminar
	6. Workshop

	7. Others (please specify) _____
7.	What learning format do you think is most suitable for BoS? (Please READ ALL OPTIONS FIRST then RANKS the following options from 1 to 4)
	1. Lectures
	2. Roleplay and other modern formats of learning
	3. Seminar and Technical workshop
	4. Peer learning visit
	5. Action plan development on a specific topic of SDG
	6. Others (Please specify) _____

Availability of Resources

1.	Does BoS face any type of human resource? If yes, then explain
2.	Does BoS face shortage of financial resources? If yes, then explain

Skills

1.	What level of skill do you have at BoS for the data collection and analysis?			
	Low Level	Medium level	High level	Very high level
2.	At what level can you use SPSS?			
	Low Level	Medium level	High level	Very high level
3.	At what level can you use Microsoft Excel?			
	Low Level	Medium level	High level	Very high level
4.	What other type of software can you use efficiently?			
	Microsoft Word	Excel	SPSS	Other_____

What are the basic needs of BoS and Statistical Cells in line departments?

S. No.	Items	Status
1.	Human Resources	
2.	Technical/Statistical Capacity	

3.	Training	
4.	Logistics and Communication	
5.	Hardware and Software	
6.	Finances	

What are your suggestions for development and strengthening of BoS and Statistical cells in the line departments?

S. No.	Suggestions
1.	
2.	
3.	

Thank you for your time and support

Annexure 10 Request for Providing Support to CNA Team During Data Collection

No. P&DD-RO (SDG)/20/2020/
GOVERNMENT OF BALOCHISTAN
PLANNING & DEVELOPMENT DEPARTMENT

Dated Quetta November 16th, 2020

The Secretary
Government of Balochistan

SUBJECT: **Supporting University of Balochistan Team in Capacity Needs Assessment of Statistical Institutes for the Implementation of SDGs in Balochistan**

With reference to the subject cited above, it is stated that the Planning & Development Department (P&DD), Government of Balochistan in collaboration with United NationDevelopment Programme (UNDP) has engaged University of Balochistan in conducting the "Capacity Need Assessment (CAN) of Statistical Institutes for the Implementation of 2030 Agenda (SDGs) in Balochistan.

The objective of CNA is to thoroughly review the existing statistical capacities, (knowledge, competencies and skills), address gaps and develop plan of action to improve the monitoring and reporting on SDGs in Balochistan. The findings of the CAN will help the provincial Bureau of Statistics and other Statistical cells/wings/section in the key line department to develop their capacities for better/ quality data collection and accordingly improved reporting of SDGs.

In this respect, it is requested to facilitate the team of University of Balochistan providing the relevant information/data/tools for capacity need assessment so that flow of information on monitoring and reporting on SDGs can well be assessed. The list of team members are attached herewith.

Arif Hussain Shah
Chief (Federal Project, SDGs)

Copy to:

1. Director, Bureau of Statistics, Planning & Development Department, Government of Balochistan.
2. Mr. Umer Malik ARR/OIC DPU CO UNDP.
3. Mr. Zulfiqar Durrani, Head of Office, UNDP Sub-office, Quetta Balochistan
4. PS to ACS (Dev.), Planning & Development Department, Government of Balochistan.
5. PS to Secretary (Panning) Planning & Development Department, Government of Balochistan.
6. M.F.

Annexure 11 Pictures of the Data Collection During CNA Activity

Picture 1 Data Collection in the Line Department by Research Associate of CNA Team

Picture 2 Interview with the Chief SDG Support Unit, P&DD Department

Picture 3 Data Collection in the Line Department by Research Associate of CNA Team

Picture 4 Data Collection in the Line Department by Research Associate of CNA Team

Picture 5 Data Collection in the Line Department by Research Associate of CNA Team

Picture 6 Interview with the Director Bureau of Statistics (BoS) Balochistan at P&DD Department

Picture 7 Participants of the Consultative Workshop Held at University of Balochistan, Quetta

Picture 8 Team Lead Dr. Sanaullah Panezai is presenting the findings of CNA Report at the Consultative Workshop

Picture 9 Group Activity with the Participants of BoS Balochistan in the Consultative Workshop

Picture 10 Certificates Distribution to the Participants at the Consultative Workshop

Picture 11 Souvenir Distribution to the Out Station Expert at the Consultative Workshop

Balochistan SDGs Support Unit

Office #9B, Chaman Housing Scheme
Quetta, Pakistan
Tel: +92 81 2864289
Fax: +92 81 2864288

4th Floor, Serena Business Complex,
Khayaban-e-Suharwardy, Islamabad, Pakistan
Tel: +92 51 8355600
Fax: +92 51 2600254-5

BalochistanSDGsUnit
BalochistanSDGs
www.sdgpakistan.pk
undppakistan
UNDP_Pakistan
UNDP_Pakistan