

XXII. DEPARTMENT OF SCIENCE AND TECHNOLOGY**A. OFFICE OF THE SECRETARY****STRATEGIC OBJECTIVES**

SECTOR OUTCOME : 1. Technology adoption promoted and accelerated
2. Innovation stimulated

ORGANIZATIONAL OUTCOME : Increased benefits to Filipinos from scientific knowledge and cutting-edge technological innovations

PERFORMANCE INFORMATION

ORGANIZATIONAL OUTCOMES (OOs) / PERFORMANCE INDICATORS (PIs)	BASELINE	2024 TARGETS
Increased benefits to Filipinos from scientific knowledge and cutting-edge technological innovations		
STRATEGIC SCIENCE AND TECHNOLOGY (S&T) PROGRAM		
Outcome Indicator(s)		
1. Percentage of projects completed within the required timeframe	12%	100%
2. Percentage of projects completed which are published in peer-reviewed journals, presented in national and/or international conferences or with IP filed or approved	87%	84%
3. Percentage of priorities in the Harmonized National R&D Agenda (HNRDA) addressed	81%	100%
Output Indicator(s)		
1. Number of projects funded	175	430
2. Number of grantees supported	60	216
3. Percentage of programs/projects received that are evaluated and approved within the standard period of 90 days	75%	100%
S&T PROGRAM FOR REGIONAL AND COUNTRYSIDE DEVELOPMENT		
Outcome Indicator(s)		
1. Percentage increase in productivity generated	19%	14%
2. Percentage increase in employment generated	13%	7%
3. Percentage of clients who rate the assistance as satisfactory or better	96%	93%
Output Indicators		
1. Number of S&T interventions provided	49,784	22,604
2. Number of MSMEs, LGUs, HEIs, communities and other customers assisted	31,064	22,873
3. Percentage of requests for technical assistance that are acted upon within the ISO standard time	95%	95%

B. ADVANCED SCIENCE AND TECHNOLOGY INSTITUTE**STRATEGIC OBJECTIVES**

SECTOR OUTCOME : 1. Technology adoption promoted and accelerated
2. Innovation stimulated

ORGANIZATIONAL OUTCOME : Increase benefits to Filipinos from scientific knowledge and technologies in ICT and Microelectronics

PERFORMANCE INFORMATION

ORGANIZATIONAL OUTCOMES (OOs) / PERFORMANCE INDICATORS (PIs)	BASELINE	2024 TARGETS
Increased benefits to Filipinos from scientific knowledge and technologies in ICT and Microelectronics		
ADVANCED SCIENCE AND TECHNOLOGY RESEARCH AND DEVELOPMENT PROGRAM		
Outcome Indicator(s)		
1. Number of partnerships with public and private stakeholders and international organizations	7	7
2. Amount of revenue generated from partnerships	P 100,000,000.00	P 120,000,000.00
Output Indicator(s)		
1. Number of projects completed	7	8
2. Percentage of projects completed which are published in peer-reviewed journals, presented in national and/or international conferences, or with IP filed or approved	100% (6/6)	100% (6/6)
3. Percentage of projects implemented within approved timeframe	100% (23/23)	95% (17.1/18)
ADVANCED SCIENCE AND TECHNOLOGY TRANSFER PROGRAM		
Outcome Indicator(s)		
1. Amount of revenue generated from technology transfer and technical assistance	P 12,549,000	P 13,000,000
2. Percentage of clients who rate the quality of technical assistance provided as satisfactory or better	97% (97/100)	97% (97/100)
Output Indicator(s)		
1. Number of knowledge/technologies diffused	13	13
2. Number of technologies transferred/commercialized through technology transfer agreement	3	3
3. Percentage of request for technical assistance that have been provided within the required timeframe	100% (1,500/1,500)	100% (1,425/1500)

C. FOOD AND NUTRITION RESEARCH INSTITUTE

STRATEGIC OBJECTIVES

SECTOR OUTCOME : Vigorously advance Science, Technology and Innovation to enhance innovation and creative capacity towards self-sustaining and inclusive development

ORGANIZATIONAL OUTCOME : Increased benefits to Filipinos from scientific knowledge and food and nutrition technologies.

PERFORMANCE INFORMATION

ORGANIZATIONAL OUTCOMES (OOs) / PERFORMANCE INDICATORS (PIs)	BASELINE	2024 TARGETS
Increased benefits to Filipinos from scientific knowledge and food and nutrition technologies		

FOOD AND NUTRITION RESEARCH AND DEVELOPMENT PROGRAM

Outcome Indicator(s)

1. Percentage reduction of malnutrition prevalence in a municipality or barangay in each of the priority 25 provinces where S&T-based intervention model can be showcased	15%	15%
2. Amount of revenue generated from partnerships	P 2,000,000	P 2,000,000

Output Indicator(s)

1. Number of projects completed	16	18
2. Percentage of projects completed which are published in peer-reviewed journals, presented in national and/or international conferences, or with IP filed or approved	20% (n=30)	20% (n=30)
3. Percentage of projects implemented within the approved timeframe	100% (n=42)	100% (n=42)

NUTRITIONAL ASSESSMENT AND MONITORING PROGRAM

Outcome Indicator(s)

1. Percentage of national government agencies and local government units that adopt/refer to the results of the National Nutrition Survey	100% (n=9)	100% (n=9)
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Output Indicator(s)

1. Number of nutrition and nutrition-related indicators collected/generated and made available to the public within the prescribed time period	400	400
2. Number of feedback conferences/dissemination fora conducted	1	1
3. Number of projects/studies completed	5	17

FOOD AND NUTRITION TECHNOLOGY AND KNOWLEDGE DIFFUSION PROGRAM

Outcome Indicator(s)

1. Percentage increase in the utilization of science-based intervention (technologies/products/services/models transferred and utilized; tools and guidelines adopted)	20% (n=21)	20% (n=21)
2. Percentage of technology transfer beneficiaries that rate the technology as satisfactory or better	95% (n=159)	95% (n=159)

Output Indicator(s)

1. Number of technology transfer agreements forged	20	168
2. Number of technical services rendered	3,000	54,280
3. Percentage of request for technical services provided within the required timeframe	95% (n=2,850)	95% (n=51,566)

D. FOREST PRODUCTS RESEARCH AND DEVELOPMENT INSTITUTE**STRATEGIC OBJECTIVES**

SECTOR OUTCOME : 1. Technology adoption promoted and accelerated
2. Innovation stimulated

ORGANIZATIONAL OUTCOME : Increased benefits to Filipinos from scientific knowledge and forest-based product technological innovations

PERFORMANCE INFORMATION**ORGANIZATIONAL OUTCOMES (OOs) / PERFORMANCE INDICATORS (PIs)****BASELINE****2024 TARGETS**

Increased benefits to Filipinos from scientific knowledge and forest-based product technological innovations

FOREST PRODUCTS RESEARCH AND DEVELOPMENT PROGRAM

Outcome Indicator(s)

1. Number of partnerships with public and private stakeholders and international organizations
2. Amount of revenue generated from partnerships

4

4

P 20M

P 20M

Output Indicator(s)

1. Number of projects completed
2. Percentage of projects implemented within the approved timeframe
3. Percentage of projects completed which are published in peer-reviewed journals, presented in national and/or international conferences, and/or with IP filed or approved

12

12

90% (9/10)

90% (9/10)

90% (11/12)

90% (11/12)

FOREST PRODUCTS TECHNOLOGY TRANSFER PROGRAM

Outcome Indicator(s)

1. Percentage of clients that rate the technology transfer as satisfactory or better

90% (40/45)

90% (40/45)

Output Indicator(s)

1. Number of knowledge/technologies diffused
2. Number of technologies transferred/commercialized through technology transfer agreement
3. Percentage of request for technology transfer that have been provided within the required timeframe

50

50

10

10

90% (108/121)

90% (108/121)

FOREST PRODUCTS SCIENCE AND TECHNOLOGY SERVICES PROGRAM

Outcome Indicator(s)

1. Percentage of customers that rate the technical services rendered as satisfactory or better

90% (416/462)

90% (416/462)

Output Indicator(s)

1. Number of technical services rendered
2. Percentage of request for technical services that have been provided within the required timeframe
3. Number of clients benefiting from technical services

2,000

2,000

90% (1,800/2,000)

90% (1,800/2,000)

720

720

E. INDUSTRIAL TECHNOLOGY DEVELOPMENT INSTITUTE**STRATEGIC OBJECTIVES**

- SECTOR OUTCOME :**
1. Innovation stimulated
 2. Technology adoption promoted and accelerated
 3. Productivity and efficiency of communities and production sector, particularly MSMEs improved

ORGANIZATIONAL OUTCOME : Increased benefits to Filipinos from scientific knowledge and technologies for industry productivity and competitiveness

PERFORMANCE INFORMATION

ORGANIZATIONAL OUTCOMES (OOs) / PERFORMANCE INDICATORS (PIs)	BASELINE	2024 TARGETS
Increased benefits to Filipinos from scientific knowledge and technologies for industry productivity and competitiveness		
INDUSTRIAL TECHNOLOGY RESEARCH AND DEVELOPMENT PROGRAM		
Outcome Indicator(s)		
1. Number of partnerships with public and private stakeholders and international organizations	10	20
2. Amount of revenue generated from partnerships	P 100,000,000	P 150,000,000
Output Indicator(s)		
1. Number of projects completed	22	25
2. Percentage of projects implemented within the approved timeframe	100% (30/30)	100% (41/41)
3. Percentage of projects completed which are published in peer-reviewed journals, presented in national and/or international conferences, or with IP filed or approved	5% (5/100)	5% (6/130)
INDUSTRIAL TECHNOLOGY TRANSFER PROGRAM		
Outcome Indicator(s)		
1. Percentage of clients that rate the technology transfer as satisfactory or better	90%	90%
Output Indicator(s)		
1. Number of knowledge/technologies diffused	60	90
2. Number of technologies transferred/commercialized through technology transfer agreement	5	7
3. Percentage of requests for technical assistance that have been provided within the required timeframe	95%	95%
INDUSTRIAL TECHNOLOGY TECHNICAL SERVICES PROGRAM		
Outcome Indicator(s)		
1. Percentage of customers that rate the technical services rendered as satisfactory or better	90% (1,800/2,000)	90% (3,900/4,350)
Output Indicator(s)		
1. Number of technical services rendered	20,000	23,000
2. Percentage of request for technical services that have been provided within the required timeframe	90% (9,000/10,000)	90% (14,900/16,500)
3. Number of clients benefiting from technical services	3,000	4,000

F. METALS INDUSTRY RESEARCH AND DEVELOPMENT CENTER**STRATEGIC OBJECTIVES**

- SECTOR OUTCOME :**
1. Innovation and entrepreneurship accelerated
 2. Technology extension, adoption, utilization, and commercialization scaled-up

ORGANIZATIONAL OUTCOME : Increased benefits to Filipinos from scientific knowledge and technologies in cutting-edge metals and engineering innovations

PERFORMANCE INFORMATION

ORGANIZATIONAL OUTCOMES (OOs) / PERFORMANCE INDICATORS (PIs)	BASELINE	2024 TARGETS
Increased benefits to Filipinos from scientific knowledge and technologies in cutting-edge metals and engineering innovations		
METALS INDUSTRY RESEARCH PROGRAM		
Outcome Indicator(s)		
1. Number of partnerships with public and private stakeholders and international organizations	25	26
2. Amount of revenue generated from partnerships	P 500,000	P 900,000
Output Indicator(s)		
1. Number of projects completed	15	15
2. Percentage of projects implemented within the approved timeframe	95%	91% (10/11)
3. Percentage of projects completed which are published in peer-reviewed journals, presented in national and/or international conferences, and/or with IP filed or approved	12%	29% (21/73)
METALS INDUSTRY TECHNOLOGY TRANSFER PROGRAM		
Outcome Indicator(s)		
1. Percentage of clients that rate the technology transfer as satisfactory or better	80%	80% (4/5)
Output Indicator(s)		
1. Number of technologies diffused	25	27
2. Number of technologies transferred/commercialized through technology transfer agreement	6	6
3. Percentage of requests for technology transfer that have been provided within the required timeframe	70%	70%
METALS INDUSTRY SCIENCE AND TECHNOLOGY SERVICES PROGRAM		
Outcome Indicator(s)		
1. Percentage of customers that rate the technical services rendered as satisfactory or better	95%	95% (897/945)
Output Indicator(s)		
1. Number of technical services rendered	4,300	4,500
2. Percentage of request for technical services that have been provided within the required timeframe	95%	95% (4,275/4,500)
3. Number of clients benefiting from technical services	1,700	1,930

G. NATIONAL ACADEMY OF SCIENCE AND TECHNOLOGY

STRATEGIC OBJECTIVES

SECTOR OUTCOME :

1. Innovation stimulated
2. Critical mass of globally competitive STI human resources
3. Effective STI governance achieved

ORGANIZATIONAL OUTCOME : Increased benefits to Filipinos from scientific knowledge by recognizing outstanding achievements and enhancing and fostering policy environment for the development of Science and Technology

PERFORMANCE INFORMATION

ORGANIZATIONAL OUTCOMES (OOs) / PERFORMANCE INDICATORS (PIs)	BASELINE	2024 TARGETS
Increased benefits to Filipinos from scientific knowledge by recognizing outstanding achievements and enhancing and fostering policy environment for the development of Science and Technology		
SCIENCE AND TECHNOLOGY RECOGNITION AND POLICY ADVISORY PROGRAM		
Outcome Indicator(s)		
1. Percentage of scientists given awards over nominations received	20%	25% (125/500)
2. Number and percentage of policies, recommendations, formulated, submitted to concerned offices and accepted by said offices	6 policies/80% acceptance	10 policies/85% acceptance
Output Indicator(s)		
1. Percentage of nominations for awards and incentives acted upon within the prescribed period	100%	100% (500/500)
2. Percentage of benefits and privileges provided to national scientists and academy members within the prescribed period	57%	57% (4/7)
3. Number of recognition, advisory, scientific linkages and PSHC-related activities	20	40

H. NATIONAL RESEARCH COUNCIL OF THE PHILIPPINES**STRATEGIC OBJECTIVES**

SECTOR OUTCOME : 1. Technology adoption promoted and accelerated
2. Innovation stimulated

ORGANIZATIONAL OUTCOME : Problem-focused multi-disciplinary basic research, policy formulation and collaboration among Filipino researchers enhanced

PERFORMANCE INFORMATION

ORGANIZATIONAL OUTCOMES (OOs) / PERFORMANCE INDICATORS (PIs)	BASELINE	2024 TARGETS
Problem-focused multi-disciplinary basic research, policy formulation and collaboration among Filipino researchers enhanced		
POLICY DEVELOPMENT FOR SCIENCE AND TECHNOLOGY ADVISORY PROGRAM		
Outcome Indicator(s)		
1. Percentage of Filipino researchers collaborating on problem-focused multi-disciplinary basic Research and Development programs	27.58% (5,582/20,239)	18.57% (7,000/37,701)
2. Percentage increase of stakeholders approving the policies formulated	3%	30% (from 4 to 5)
Output Indicator(s)		
1. Number of projects with policy implications presented in stakeholders' forum	6	20
2. Percentage of participants that rated the forum as satisfactory or better	100%	98% (2,117/2,160)
3. Number of new approved NRCP members	654	1,500

BASIC RESEARCH AND DEVELOPMENT MANAGEMENT PROGRAM

Outcome Indicator(s)

1. Percentage of priorities in the Harmonized National R&D Agenda (HNRDA) addressed	100%	100% (6/6)
2. Number of partnerships with local (public and private) and international organizations	20	22

Output Indicator(s)

1. Number of projects funded	44	40
2. Number of projects monitored	72	75
3. Percentage of projects completed which are published in peer-reviewed journals, presented in national and/or international conferences, or with IP filed or approved	86%	97% (29/30)

I. PHILIPPINE ATMOSPHERIC, GEOPHYSICAL AND ASTRONOMICAL SERVICES ADMINISTRATION

STRATEGIC OBJECTIVES

SECTOR OUTCOME : 1. Economic and social transformation for a prosperous, inclusive, and resilient economy
2. Enhance adaptive capacity and resilience of communities and ecosystems to natural hazards and climate change

ORGANIZATIONAL OUTCOME : Enhanced safety and resiliency of Filipinos to disaster risks from extreme weather, flooding, storm surge and related events

PERFORMANCE INFORMATION

ORGANIZATIONAL OUTCOMES (OOs) / PERFORMANCE INDICATORS (PIs)**BASELINE****2024 TARGETS**

Enhanced safety and resiliency of Filipinos to disaster risks from extreme weather, flooding, storm surge and related events

WEATHER AND CLIMATE FORECASTING AND WARNING PROGRAM

Outcome Indicator(s)

1. Percentage of 81 provinces including Metro Manila that have robust science-based weather related information and services in their disaster risk reduction plans	85%	94%
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Output Indicator(s)

1. Percentage of timely weather and tropical cyclone warnings issued within fifteen (15) minutes of scheduled time	90%	95%
2. Number of seasonal climate forecasts, climate impact assessment, tropical cyclone warning advisory (TCWA) for agriculture and farm weather forecasts and advisories issued	827	1,152
3. Annual Mean 24-hour Forecast Track Error (in kilometers)	Typhoon - less than or equal to 100 km Tropical Storm - less than or equal to 120 km	Typhoon - less than or equal to 100 km Tropical Storm - less than or equal to 120 km

FLOOD FORECASTING AND WARNING PROGRAM

Outcome Indicator(s)

1. Reduced number of casualties	-	0 casualty
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Output Indicator(s)

1. Number of timely and accurate flood warnings issued	1,267	1,777
2. Percentage of timely flood warning issued within fifteen (15) minutes of scheduled time	94.75%	95.5%
3. Number of hazard maps developed/generated/updated	4	5

RESEARCH AND DEVELOPMENT ON ATMOSPHERIC, GEOPHYSICAL AND ASTRONOMICAL AND ALLIED SCIENCES PROGRAM

Outcome Indicator(s)

1. Percentage of stakeholders who rated the forecasting capability services as satisfactory or better	80%	90%
2. Percentage increase of LGUs that use the hazard maps	50%	80%

Output Indicator(s)

1. Number of researches/studies completed/published/operationalized and development of real innovative/pioneering projects	4	4
2. Percentage of involvement on the localization of instruments, facilities and models through innovation, collaboration and linkages	100%	100%
3. Number of technical assistance on actions/policies adapted by the LGU	55	850

J. PHILIPPINE COUNCIL FOR AGRICULTURE, AQUATIC AND NATURAL RESOURCES RESEARCH AND DEVELOPMENT**STRATEGIC OBJECTIVES**

SECTOR OUTCOME : 1. Innovation stimulated
2. Technology adoption promoted and accelerated

ORGANIZATIONAL OUTCOME : Increased benefits to Filipinos from science-based know-how and tools for agricultural productivity in the Agriculture, Aquatic and Natural Resources (AANR) sectors

PERFORMANCE INFORMATION

ORGANIZATIONAL OUTCOMES (OOs) / PERFORMANCE INDICATORS (PIs) **BASELINE** **2024 TARGETS**

Increased benefits to Filipinos from science-based know-how and tools for agricultural productivity in the Agriculture, Aquatic and Natural Resources (AANR) sectors

NATIONAL AANR SECTOR R&D PROGRAM

Outcome Indicator(s)

1. Percentage of priorities in the Harmonized National R&D Agenda (HNRDA) addressed	90% (43/48)	90% (43/48)
2. Number of partnerships with local (public and private) and international organizations	137	150

Output Indicator(s)

1. Number of projects funded	566	677
2. Number of projects monitored	750	656
3. Percentage of projects completed which are published in peer-reviewed journals, presented in national and/or international conferences, or with IP filed or approved	90% (393/435)	90% (147/163)

K. PHILIPPINE COUNCIL FOR HEALTH RESEARCH AND DEVELOPMENT**STRATEGIC OBJECTIVES**

SECTOR OUTCOME : 1. Technology adoption promoted and accelerated
2. Innovation stimulated

ORGANIZATIONAL OUTCOME : Increased benefits to Filipinos from scientific knowledge and technological innovations for healthcare

PERFORMANCE INFORMATION

ORGANIZATIONAL OUTCOMES (00s) / PERFORMANCE INDICATORS (PIs)	BASELINE	2024 TARGETS
Increased benefits to Filipinos from scientific knowledge and technological innovations for healthcare		
NATIONAL HEALTH RESEARCH AND DEVELOPMENT PROGRAM		
Outcome Indicator(s)		
1. Percentage of priorities in the Harmonized National R&D Agenda (HNRDA) addressed	90% (9/10)	91% (10/11)
2. Number of partnerships with local (public and private) and international organizations	90	100
Output Indicator(s)		
1. Number of projects funded	90	100
2. Number of projects monitored	280	280
3. Percentage of projects completed which are published in peer-reviewed journals, presented in national and/or international conferences, or with IP filed or approved	50% (135/270)	65% (195/300)

L. PHILIPPINE COUNCIL FOR INDUSTRY, ENERGY AND EMERGING TECHNOLOGY RESEARCH AND DEVELOPMENT**STRATEGIC OBJECTIVES**

SECTOR OUTCOME : 1. Technology adoption promoted and accelerated
2. Innovation stimulated

ORGANIZATIONAL OUTCOME : Increased benefits to Filipinos from scientific knowledge and technological innovations for productivity and competitiveness

PERFORMANCE INFORMATION

ORGANIZATIONAL OUTCOMES (00s) / PERFORMANCE INDICATORS (PIs)	BASELINE	2024 TARGETS
Increased benefits to Filipinos from scientific knowledge and technological innovations for productivity and competitiveness		
NATIONAL INDUSTRY, ENERGY AND EMERGING TECHNOLOGY SECTORS R&D PROGRAM		
Outcome Indicator(s)		
1. Percentage of priorities in the Harmonized National R&D Agenda (HNRDA) addressed	100% (28/28)	100% (28/28)
2. Number of partnerships with local (public and private) and international organizations	97	171

Output Indicator(s)

1. Number of projects funded	179	207
2. Number of projects monitored	290	394
3. Percentage of projects completed which are published in peer-reviewed journals, presented in national and/or international conferences, or with IP filed or approved	55%	75% (491/654)

M. PHILIPPINE INSTITUTE OF VOLCANOLOGY AND SEISMOLOGY

STRATEGIC OBJECTIVES

SECTOR OUTCOME : 1. Technology adoption promoted and accelerated
 2. Innovation stimulated
 3. Ecological integrity ensured and socioeconomic condition of resource-based communities improved through sustainable integrated area development

ORGANIZATIONAL OUTCOME : Enhanced safety and resiliency of Filipinos to volcanic eruptions, earthquakes, tsunamis and other related hazards

PERFORMANCE INFORMATION

<u>ORGANIZATIONAL OUTCOMES (OOs) / PERFORMANCE INDICATORS (PIs)</u>	<u>BASELINE</u>	<u>2024 TARGETS</u>
Enhanced safety and resiliency of Filipinos to volcanic eruptions, earthquakes, tsunamis and other related hazards		
VOLCANO, EARTHQUAKE AND TSUNAMI MONITORING AND WARNING PROGRAM		
Outcome Indicator(s)		
1. Percentage of bulletins and warnings where the event follows within the predicted time	80%	92% (830/900)
Output Indicator(s)		
1. Number of warnings and bulletins issued	1,761	1,000
2. Percentage of bulletins and warnings issued within the set standard time	96.73%	90% (850/940)
VOLCANO, EARTHQUAKE AND TSUNAMI HAZARDS MAPPING, RISK ASSESSMENT AND RESEARCH AND DEVELOPMENT PROGRAM		
Outcome Indicator(s)		
1. Percentage of stakeholders who availed and rated PHIVOLCS products and services as satisfactory or better	85%	87% (775/890)
Output Indicator(s)		
1. Number of hazards maps, risk assessments reports generated/updated	200	200
2. Number of hazards maps, risk assessments certifications issued to clients	1,508	1,200
3. Number of technical papers presented in scientific meetings or published/submitted for publication in refereed journals	8	8
VOLCANO, EARTHQUAKE AND TSUNAMI DISASTER PREPAREDNESS AND RISK REDUCTION PROGRAM		

Outcome Indicator(s)		
1. Number of communities or institutions assisted by PHIVOLCS on mainstreaming DRR in local development or disaster management and contingency plans	2	3
2. Percentage of stakeholders who availed and rated PHIVOLCS products and services as satisfactory or better	85%	87% (970/1,115)

Outcome Indicator(s)		
1. Number of PHIVOLCS-organized Disaster Risk Reduction (DRR) activities conducted	36	14
2. Number of stakeholders trained on Disaster Risk Reduction (DRR)	1,302	420
3. Number of REDAS license issued to trained stakeholders	475	480

N. PHILIPPINE NUCLEAR RESEARCH INSTITUTE

STRATEGIC OBJECTIVES

SECTOR OUTCOME : 1. Technology adoption promoted and accelerated
2. Innovation stimulated

ORGANIZATIONAL OUTCOME : 1. Increased benefits to Filipinos from science-based R&D know-how and tools in cutting-edge nuclear and radiation technologies
2. Increased benefits to Filipinos from safe and secure utilization of nuclear and radiation technologies and materials

PERFORMANCE INFORMATION

ORGANIZATIONAL OUTCOMES (OOs) / PERFORMANCE INDICATORS (PIs)	BASELINE	2024 TARGETS
Increased benefits to Filipinos from science-based R&D know-how and tools in cutting-edge nuclear and radiation technologies		
NUCLEAR RESEARCH AND DEVELOPMENT PROGRAM		
Outcome Indicator(s)		
1. Number of partnerships with public and private stakeholders and international organizations	15	15
2. Amount of revenue generated from partnerships	P 40,000,000	P 41,500,000
Output Indicator(s)		
1. Percentage of technologies transferred within the expected timeframe	100% (1/1)	100% (1/1)
2. Percentage of projects implemented within the approved timeframe	100% (32/32)	100% (32/32)
3. Percentage of projects completed which are published in peer-reviewed journals, presented in national and/or international conferences, and/or IP filed or approved	100% (3/3)	100% (3/3)
NUCLEAR SCIENCE AND TECHNOLOGY SERVICES AND ADVISORY PROGRAM		
Outcome Indicator(s)		
1. Percentage of clients that rate the technology transfer as satisfactory or better	99%	96% (25/26)
2. Percentage of clients who rate the technical services as satisfactory or better	97%	99% (990/1,006)

Output Indicator(s)

1. Number of knowledge/technologies diffused	20	22
2. Number of technologies transferred/commercialized through technology transfer agreement	1	1
3. Number of technical services rendered by sector	62,000	66,000

Increased benefits to Filipinos from safe and secure utilization of nuclear and radiation technologies and materials

NUCLEAR REGULATIONS, SECURITY AND SAFEGUARDS PROGRAM

Outcome Indicator(s)

1. Percentage benefit incidence of satisfactory implementation of safeguards agreement and physical security system	100% (15/15)	100% (15/15)
2. Percentage benefit incidence of satisfactory regulatory issuances	100% (25/25)	100% (25/25)
3. Percentage of compliance to regulatory standards	90% (380-420)	90% (380-420)

Output Indicator(s)

1. Number of regulations, guides, notices, bulletins or associated documents issued	7	7
2. Number of violation of regulations detected over the last five (5) years as a percentage of the average number of licenses and permits issued over the last five (5) years	15% (71/475)	15% (71/475)
3. Number of nuclear security/safeguards and regulatory activities implemented	9	9

O. PHILIPPINE SCIENCE HIGH SCHOOL SYSTEM**STRATEGIC OBJECTIVES**

SECTOR OUTCOME : 1. Lifelong learning opportunities for all ensured
2. Innovation stimulated

ORGANIZATIONAL OUTCOME : Increased competitiveness of Filipinos in Science and Engineering

PERFORMANCE INFORMATION**ORGANIZATIONAL OUTCOMES (OOs) / PERFORMANCE INDICATORS (PIs)****BASELINE****2024 TARGETS**

Increased competitiveness of Filipinos in Science and Engineering

SCIENCE, TECHNOLOGY, ENGINEERING AND MATHEMATICS (STEM)**SECONDARY EDUCATION ON SCHOLARSHIP BASIS PROGRAM**

Outcome Indicator(s)

1. Percentage of PSHS graduates pursuing STEM courses	90%	90% (1,375/1,520)
2. Percentage of winnings/awards/recognition from the total number of STEM-related international (ASEAN included) competitions participated by the PSHS Scholars	80%	90%
3. Percentile of PSHS students in Math in the US-based Scholastic Aptitude Test (SAT)	80th percentile	80th percentile

Output Indicator(s)		
1. Number of scholars supported	9,950	10,609
2. Cohort survival rate: Percentage of scholars who advance to the succeeding grade level until they complete the 6-year scholarship period	90%	90% (1,413/1,570)
3. Percentage of winnings, awards and recognition from total number of national and international competitions participated	80%	90%
4. Rank of the campuses based on the overall UPCAT scores of the PSHS student-takers	Top 20	Top 20

SCIENCE, TECHNOLOGY, ENGINEERING AND MATHEMATICS (STEM) PROMOTION PROGRAM

Outcome Indicator(s)		
1. Percentage of municipalities with applicants to the National Competitive Examination (NCE)	30%	50% (817/1,634)
Output Indicator(s)		
1. Number of municipality recipients of promotional activities	64	880
2. Percentage of freshmen who were able to get a General Weighted Average (GWA) of 2.5 or better in the second quarter of the school year	90%	90% (1,728/1,420)

P. PHILIPPINE TEXTILE RESEARCH INSTITUTE

STRATEGIC OBJECTIVES

SECTOR OUTCOME : 1. Technology adoption promoted and accelerated
2. Innovation stimulated

ORGANIZATIONAL OUTCOME : Increased benefits to Filipinos from scientific knowledge and technological innovations for the productivity and competitiveness of textile, garment and allied industries and other institutions

PERFORMANCE INFORMATION

<u>ORGANIZATIONAL OUTCOMES (OOs) / PERFORMANCE INDICATORS (PIs)</u>	<u>BASELINE</u>	<u>2024 TARGETS</u>
Increased benefits to Filipinos from scientific knowledge and technological innovations for the productivity and competitiveness of textile, garment and allied industries and other institutions		

TEXTILE AND OTHER TEXTILE-RELATED RESEARCH AND DEVELOPMENT PROGRAM

Outcome Indicator(s)		
1. Number of partnerships with public and private stakeholders and international organizations	6	26
2. Amount of revenue generated from partnerships	P 20M	P 67M
Output Indicator(s)		
1. Number of projects completed	11	15
2. Percentage of projects implemented within the approved timeframe	100% (11/11)	100% (15/15)
3. Percentage of projects completed which are published in peer-reviewed journals, presented in national and/or international conferences, and/or with IP filed or approved	20% (12/59)	36% (22/61)

TEXTILE S&T SERVICES PROGRAM

Outcome Indicator(s)

1. Percentage of customers that rate the technical services rendered as satisfactory or better	92% (914/994)	95% (944/994)
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Output Indicator(s)

1. Number of technical services rendered	21,407	25,700
2. Percentage of requests for technical services that have been provided within the required timeframe	95% (20,135/21,195)	98% (25,186/25,700)
3. Number of clients benefiting from technical services	350	450

TEXTILE TECHNOLOGY TRANSFER PROGRAM

Outcome Indicator(s)

1. Percentage of clients that rate the technology transfer as satisfactory or better	92% (137,149)	95% (142/149)
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Output Indicator(s)

1. Number of knowledge/technologies diffused	13	44
2. Number of technologies transferred/commercialized through technology transfer agreement	16	25
3. Percentage of requests for technology transfer that have been provided within the required timeframe	100% (18/18)	100% (25/25)

Q. SCIENCE EDUCATION INSTITUTE**STRATEGIC OBJECTIVES**

SECTOR OUTCOME : 1. Lifelong learning opportunities for all ensured
2. Innovation stimulated

ORGANIZATIONAL OUTCOME : Competitiveness of Filipinos in Science, Technology, Engineering and Mathematics (STEM) enhanced

PERFORMANCE INFORMATION**ORGANIZATIONAL OUTCOMES (OOs) / PERFORMANCE INDICATORS (PIs)****BASELINE****2024 TARGETS**

Competitiveness of Filipinos in Science, Technology, Engineering and Mathematics (STEM) enhanced

SCIENCE AND TECHNOLOGY SCHOLARSHIP PROGRAM

Outcome Indicator(s)

1. Percentage of scholars employed in STEM-related fields	70%	80% (1,040/1,300)
2. Percentage of municipalities served	98%	99% (1,637/1,655)

Output Indicator(s)

1. Number of scholars supported		
Undergraduate level	36,452	46,234
Masters Program	4,503	3,357
Doctoral Program	2,379	1,025
2. Percentage of scholars graduating within the scheduled full-time program		
Undergraduate level	85%	90% (8,813/9,793)
Masters Program	70%	75% (740/987)
Doctoral Program	40%	50% (116/232)

3. Percentage of scholarship payments with a variance of actual payment to scheduled payment of more than one (1) day	90%	97% (49,097/50,616)
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SCIENCE AND TECHNOLOGY EDUCATION DEVELOPMENT PROGRAM

Outcome Indicator(s)		
1. Percentage of beneficiaries who rated the training and promotional program as satisfactory or better	90%	95% (23,590/24,832)
Output Indicator(s)		
1. Number of trainings and promotional programs conducted	110	91
2. Number of innovative learning resources developed and disseminated/deployed/established	5	10
3. Number of applications processed within two (2) months of receipt	75	80

R. SCIENCE AND TECHNOLOGY INFORMATION INSTITUTE

STRATEGIC OBJECTIVES

SECTOR OUTCOME : 1. Technology adoption promoted and accelerated
2. Innovation stimulated

ORGANIZATIONAL OUTCOME : Public Science and Technology awareness increased

PERFORMANCE INFORMATION

<u>ORGANIZATIONAL OUTCOMES (OOs) / PERFORMANCE INDICATORS (PIs)</u>	<u>BASELINE</u>	<u>2024 TARGETS</u>
Public Science and Technology awareness increased		
SCIENCE AND TECHNOLOGY INFORMATION PROGRAM		
Outcome Indicator(s)		
1. Percentage increase in public S&T awareness survey	2% (from 18% to 20%)	1-1.5% (from 26% to 27.5%)
Output Indicator(s)		
1. Percentage of clients who rate the library services as satisfactory or better	90%	93%
2. Number of STARBOOKS sites installed	100	100
3. Number of STARBOOKS contents added	N/A	1,200
4. Number of promotion services and advocacy activities conducted	1,336	3,800
5. Number of DOSTv broadcast	N/A	104

S. TECHNOLOGY APPLICATION AND PROMOTION INSTITUTE

STRATEGIC OBJECTIVES

SECTOR OUTCOME : 1. Technology adoption promoted and accelerated
2. Innovation stimulated

ORGANIZATIONAL OUTCOME : Filipinos protecting and venturing for innovative and emerging technology-based projects increased

PERFORMANCE INFORMATION

ORGANIZATIONAL OUTCOMES (OOs) / PERFORMANCE INDICATORS (PIs)	BASELINE	2024 TARGETS
Filipinos protecting and venturing for innovative and emerging technology-based projects increased		
TECHNOLOGY APPLICATION AND INVENTION DEVELOPMENT PROGRAM		
Outcome Indicator(s)		
1. Percentage increase in Intellectual Property protection filing for local technologies in the IPO Philippines	10% increase (17/163)	5% increase (9/180)
2. Percentage increase in the commercialization and adoption by industry/community of technologies diffused/supported	5% increase (.6/12)	5% increase (.8/16)
Output Indicator(s)		
1. Number of pre-commercialization support provided for technologies, inventions and innovation	45	34
2. Number of inventions, innovations and technologies promoted and commercialized	50	50
3. Percentage of requests that are acted upon within 3 days of request	90%	95%
4. Number of technical advisory services rendered	1,600	1,600