

XXI. DEPARTMENT OF SCIENCE AND TECHNOLOGY

A. OFFICE OF THE SECRETARY

Appropriations/Obligations

(In Thousand Pesos)

	(Cash-Based)		
<u>Description</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>
New General Appropriations	5,402,119	5,474,553	5,844,516
General Fund	5,402,119	5,474,553	5,844,516
Automatic Appropriations	45,096	45,004	47,365
Retirement and Life Insurance Premiums	45,096	45,004	47,365
Continuing Appropriations	14,740	357,684	
Unreleased Appropriation for Personnel Services			
R.A. No. 11260		8,057	
Unreleased Appropriation for Capital Outlays			
R.A. No. 11260		1,337	
Unreleased Appropriation for MOOE			
R.A. No. 11260		278,005	
Unobligated Releases for Capital Outlays			
R.A. No. 11260		5,078	
R.A. No. 10964	1,790		
Unobligated Releases for MOOE			
R.A. No. 11260		63,894	
R.A. No. 10964	12,950		
Unobligated Releases for PS			
R.A. No. 11260		1,313	
Budgetary Adjustment(s)	186,945		
Transfer(s) from:			
National Disaster Risk Reduction and Management Fund (Calamity Fund)	152,200		
Miscellaneous Personnel Benefits Fund	29,539		
Pension and Gratuity Fund	5,206		
Total Available Appropriations	5,648,900	5,877,241	5,891,881
Unused Appropriations	(366,311)	(357,684)	
Unreleased Appropriation	(287,399)	(287,399)	
Unobligated Allotment	(78,912)	(70,285)	
TOTAL OBLIGATIONS	5,282,589	5,519,557	5,891,881
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**EXPENDITURE PROGRAM
(in pesos)**

	(Cash-Based)		
GAS / STO / OPERATIONS / PROJECTS	<u>2019 Actual</u>	<u>2020 Current</u>	<u>2021 Proposed</u>
General Administration and Support	244,249,000	441,421,000	366,930,000

2 EXPENDITURE PROGRAM FY 2021 VOLUME III

Regular	244,249,000	306,021,000	281,930,000
PS	155,811,000	124,805,000	131,911,000
MOOE	58,786,000	78,508,000	77,784,000
CO	29,652,000	102,708,000	72,235,000
Projects / Purpose		135,400,000	85,000,000
CO		135,400,000	85,000,000
Support to Operations	41,176,000	49,087,000	37,063,000
Regular	41,176,000	43,408,000	37,063,000
PS	34,548,000	38,024,000	31,716,000
MOOE	6,628,000	5,384,000	5,347,000
Projects / Purpose		5,679,000	
MOOE		5,679,000	
Operations	4,997,164,000	5,029,049,000	5,487,888,000
Regular	4,987,164,000	5,019,049,000	5,487,888,000
PS	531,490,000	506,003,000	559,178,000
MOOE	4,396,797,000	4,499,486,000	4,928,710,000
CO	58,877,000	13,560,000	
Projects / Purpose	10,000,000	10,000,000	
CO	10,000,000	10,000,000	
TOTAL AGENCY BUDGET	5,282,589,000	5,519,557,000	5,891,881,000
Regular	5,272,589,000	5,368,478,000	5,806,881,000
PS	721,849,000	668,832,000	722,805,000
MOOE	4,462,211,000	4,583,378,000	5,011,841,000
CO	88,529,000	116,268,000	72,235,000
Projects / Purpose	10,000,000	151,079,000	85,000,000
MOOE		5,679,000	
CO	10,000,000	145,400,000	85,000,000

STAFFING SUMMARY

	2019	2020	2021
TOTAL STAFFING			
Total Number of Authorized Positions	832	832	832
Total Number of Filled Positions	740	736	736

Proposed New Appropriations Language

For general administration and support, support to operations, and operations, including locally-funded projects, as indicated hereunder.....P 5,844,516,000
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OPERATIONS BY PROGRAM	PROPOSED 2021 (Cash-Based)			
	PS	MOOE	CO	TOTAL
STRATEGIC SCIENCE AND TECHNOLOGY (S&T) PROGRAM		3,186,220,000		3,186,220,000
S&T PROGRAM FOR REGIONAL AND COUNTRYSIDE DEVELOPMENT	523,073,000	1,742,490,000		2,265,563,000

EXPENDITURE PROGRAM BY CENTRAL / REGIONAL ALLOCATION, 2021 (Cash-Based)
(in pesos)

REGION	PS	MOOE	CO	TOTAL
CENTRAL OFFICE	151,449,000	3,269,351,000	157,235,000	3,578,035,000
Regional Allocation	523,991,000	1,742,490,000		2,266,481,000
National Capital Region (NCR)	29,556,000	114,793,000		144,349,000
Region I - Ilocos	26,551,000	82,504,000		109,055,000
Cordillera Administrative Region (CAR)	36,340,000	96,849,000		133,189,000
Region II - Cagayan Valley	31,440,000	173,384,000		204,824,000
Region III - Central Luzon	46,049,000	131,222,000		177,271,000
Region IVA - CALABARZON	37,152,000	129,726,000		166,878,000
Region IVB - MIMAROPA	32,828,000	102,034,000		134,862,000
Region V - Bicol	38,564,000	100,180,000		138,744,000
Region VI - Western Visayas	34,758,000	128,922,000		163,680,000
Region VII - Central Visayas	34,173,000	90,214,000		124,387,000
Region VIII - Eastern Visayas	37,162,000	79,112,000		116,274,000
Region IX - Zamboanga Peninsula	25,665,000	121,387,000		147,052,000
Region X - Northern Mindanao	30,764,000	119,554,000		150,318,000
Region XI - Davao	34,495,000	77,358,000		111,853,000
Region XII - SOCCSKSARGEN	20,989,000	94,054,000		115,043,000
Region XIII - CARAGA	27,505,000	101,197,000		128,702,000
TOTAL AGENCY BUDGET	675,440,000	5,011,841,000	157,235,000	5,844,516,000

SPECIAL PROVISION(S)

- Priority Research Program. The DOST shall give priority to research on disaster risk reduction and climate change adaptation and mitigation to ensure that policy and technology development and application are consistent with local and international development initiatives and are aimed at contributing to building resilient infrastructure, promote inclusive and sustainable industrialization, and foster innovation. The DOST shall also facilitate research on integrated approaches for an efficient shift to a low-carbon development pathway.
- Reporting and Posting Requirements. The DOST shall submit quarterly reports on its financial and physical accomplishments, within thirty (30) days after the end of every quarter, through the following:
 - URS or other electronic means for reports not covered by the URS until such time that all agencies have fully migrated to the BTMS; and
 - DOST's website.

The DOST shall send written notice when said reports have been submitted or posted on its website to the DBM, House of Representatives, Senate of the Philippines, House Committee on Appropriations, Senate Committee on Finance, and other offices where the submission of reports is required under existing laws, rules and regulations. The date of notice to said agencies shall be considered the date of compliance with this requirement.
- Appropriations for Activities or Projects. The amounts appropriated herein shall be used specifically for the following activities or projects in the indicated amounts and conditions:

New Appropriations, by Programs/Activities/Projects (Cash-Based), by Operating Units

PROGRAMS	Current Operating Expenditures			
	Personnel Services	Maintenance and Other Operating Expenses	Capital Outlays	Total
1000000000000000 General Administration and Support	123,391,000	77,784,000	157,235,000	358,410,000
100000100001000 General Management and Supervision	120,987,000	77,784,000	72,235,000	271,006,000

4 EXPENDITURE PROGRAM FY 2021 VOLUME III

	National Capital Region (NCR)	120,987,000	77,784,000	72,235,000	271,006,000
	Central Office	120,987,000	77,784,000	72,235,000	271,006,000
100000100002000	Administration of Personnel Benefits	2,404,000			2,404,000
	National Capital Region (NCR)	1,486,000			1,486,000
	Central Office	1,486,000			1,486,000
	Cordillera Administrative Region (CAR)	737,000			737,000
	Regional Office - CAR	737,000			737,000
	Region IVA - CALABARZON	181,000			181,000
	Regional Office - IVA	181,000			181,000
	Project(s)				
	Locally-Funded Project(s)			85,000,000	85,000,000
100000200003000	Renovation, Rehabilitation and Expansion of the DOST Main Building (Phase 2)			85,000,000	85,000,000
	National Capital Region (NCR)			85,000,000	85,000,000
	Central Office			85,000,000	85,000,000
	Sub-total, General Administration and Support	123,391,000	77,784,000	157,235,000	358,410,000
2000000000000000	Support to Operations	28,976,000	5,347,000		34,323,000
200000100001000	Planning, policy formulation, monitoring, evaluation and management information services	28,976,000	3,092,000		32,068,000
	National Capital Region (NCR)	28,976,000	3,092,000		32,068,000
	Central Office	28,976,000	3,092,000		32,068,000
200000100002000	Conduct of scientific and technological conferences and exhibitions and international/local science and technological networking and other related activities		2,255,000		2,255,000
	National Capital Region (NCR)		2,255,000		2,255,000
	Central Office		2,255,000		2,255,000
	Sub-total, Support to Operations	28,976,000	5,347,000		34,323,000
3000000000000000	Operations	523,073,000	4,928,710,000		5,451,783,000
3100000000000000	00 : Increased benefits to Filipinos from scientific knowledge and cutting-edge technological innovations	523,073,000	4,928,710,000		5,451,783,000
3101000000000000	STRATEGIC SCIENCE AND TECHNOLOGY (S&T) PROGRAM		3,186,220,000		3,186,220,000
310100100001000	Support to the harmonized national S&T agenda		3,186,220,000		3,186,220,000
	National Capital Region (NCR)		3,186,220,000		3,186,220,000
	Central Office		3,186,220,000		3,186,220,000

31020000000000	S&T PROGRAM FOR REGIONAL AND COUNTRYSIDE DEVELOPMENT	<u>523,073,000</u>	<u>1,742,490,000</u>	<u>2,265,563,000</u>
310200100001000	Diffusion and transfer of knowledge and technologies and other related projects and activities		<u>1,516,351,000</u>	<u>1,516,351,000</u>
	National Capital Region (NCR)		<u>106,427,000</u>	<u>106,427,000</u>
	Regional Office - NCR		106,427,000	106,427,000
	Region I - Ilocos		<u>67,887,000</u>	<u>67,887,000</u>
	Regional Office - I		67,887,000	67,887,000
	Cordillera Administrative Region (CAR)		<u>81,722,000</u>	<u>81,722,000</u>
	Regional Office - CAR		81,722,000	81,722,000
	Region II - Cagayan Valley		<u>163,760,000</u>	<u>163,760,000</u>
	Regional Office - II		163,760,000	163,760,000
	Region III - Central Luzon		<u>119,143,000</u>	<u>119,143,000</u>
	Regional Office - III		119,143,000	119,143,000
	Region IVA - CALABARZON		<u>114,847,000</u>	<u>114,847,000</u>
	Regional Office - IVA		114,847,000	114,847,000
	Region IVB - MIMAROPA		<u>94,536,000</u>	<u>94,536,000</u>
	Regional Office - IVB		94,536,000	94,536,000
	Region V - Bicol		<u>82,377,000</u>	<u>82,377,000</u>
	Regional Office - V		82,377,000	82,377,000
	Region VI - Western Visayas		<u>113,284,000</u>	<u>113,284,000</u>
	Regional Office - VI		113,284,000	113,284,000
	Region VII - Central Visayas		<u>73,208,000</u>	<u>73,208,000</u>
	Regional Office - VII		73,208,000	73,208,000
	Region VIII - Eastern Visayas		<u>63,957,000</u>	<u>63,957,000</u>
	Regional Office - VIII		63,957,000	63,957,000
	Region IX - Zamboanga Peninsula		<u>107,361,000</u>	<u>107,361,000</u>
	Regional Office - IX		107,361,000	107,361,000
	Region X - Northern Mindanao		<u>105,326,000</u>	<u>105,326,000</u>
	Regional Office - X		105,326,000	105,326,000
	Region XI - Davao		<u>64,106,000</u>	<u>64,106,000</u>
	Regional Office - XI		64,106,000	64,106,000

Region XII - SOCCSKSARGEN	<u>70,244,000</u>	<u>70,244,000</u>	<u>70,244,000</u>
Regional Office - XII	70,244,000		70,244,000
Region XIII - CARAGA	<u>88,166,000</u>	<u>88,166,000</u>	<u>88,166,000</u>
Regional Office - XIII	88,166,000		88,166,000
310200100002000 Enhancement of science and technology projects/activities	<u>523,073,000</u>	<u>226,139,000</u>	<u>749,212,000</u>
National Capital Region (NCR)	<u>29,556,000</u>	<u>8,366,000</u>	<u>37,922,000</u>
Regional Office - NCR	29,556,000	8,366,000	37,922,000
Region I - Ilocos	<u>26,551,000</u>	<u>14,617,000</u>	<u>41,168,000</u>
Regional Office - I	26,551,000	14,617,000	41,168,000
Cordillera Administrative Region (CAR)	<u>35,603,000</u>	<u>15,127,000</u>	<u>50,730,000</u>
Regional Office - CAR	35,603,000	15,127,000	50,730,000
Region II - Cagayan Valley	<u>31,440,000</u>	<u>9,624,000</u>	<u>41,064,000</u>
Regional Office - II	31,440,000	9,624,000	41,064,000
Region III - Central Luzon	<u>46,049,000</u>	<u>12,079,000</u>	<u>58,128,000</u>
Regional Office - III	46,049,000	12,079,000	58,128,000
Region IVA - CALABARZON	<u>36,971,000</u>	<u>14,879,000</u>	<u>51,850,000</u>
Regional Office - IVA	36,971,000	14,879,000	51,850,000
Region IVB - MIMAROPA	<u>32,828,000</u>	<u>7,498,000</u>	<u>40,326,000</u>
Regional Office - IVB	32,828,000	7,498,000	40,326,000
Region V - Bicol	<u>38,564,000</u>	<u>17,803,000</u>	<u>56,367,000</u>
Regional Office - V	38,564,000	17,803,000	56,367,000
Region VI - Western Visayas	<u>34,758,000</u>	<u>15,638,000</u>	<u>50,396,000</u>
Regional Office - VI	34,758,000	15,638,000	50,396,000
Region VII - Central Visayas	<u>34,173,000</u>	<u>17,006,000</u>	<u>51,179,000</u>
Regional Office - VII	34,173,000	17,006,000	51,179,000
Region VIII - Eastern Visayas	<u>37,162,000</u>	<u>15,155,000</u>	<u>52,317,000</u>
Regional Office - VIII	37,162,000	15,155,000	52,317,000
Region IX - Zamboanga Peninsula	<u>25,665,000</u>	<u>14,026,000</u>	<u>39,691,000</u>
Regional Office - IX	25,665,000	14,026,000	39,691,000
Region X - Northern Mindanao	<u>30,764,000</u>	<u>14,228,000</u>	<u>44,992,000</u>
Regional Office - X	30,764,000	14,228,000	44,992,000

Region XI - Davao	<u>34,495,000</u>	<u>13,252,000</u>	<u>47,747,000</u>
Regional Office - XI	34,495,000	13,252,000	47,747,000
Region XII - SOCCSKSARGEN	<u>20,989,000</u>	<u>23,810,000</u>	<u>44,799,000</u>
Regional Office - XII	20,989,000	23,810,000	44,799,000
Region XIII - CARAGA	<u>27,505,000</u>	<u>13,031,000</u>	<u>40,536,000</u>
Regional Office - XIII	27,505,000	13,031,000	40,536,000
Sub-total, Operations	<u>523,073,000</u>	<u>4,928,710,000</u>	<u>5,451,783,000</u>
TOTAL NEW APPROPRIATIONS	P 675,440,000	P 5,011,841,000	P 157,235,000
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Obligations, by Object of Expenditures

CYs 2019-2021
(In Thousand Pesos)

	(Cash-Based)		
	<u>2019</u>	<u>2020</u>	<u>2021</u>
Current Operating Expenditures			
Personnel Services			
Civilian Personnel			
Permanent Positions			
Basic Salary	371,185	375,027	394,714
Total Permanent Positions	<u>371,185</u>	<u>375,027</u>	<u>394,714</u>
Other Compensation Common to All			
Personnel Economic Relief Allowance	17,553	17,664	17,664
Representation Allowance	5,660	5,742	5,136
Transportation Allowance	3,781	5,406	4,908
Clothing and Uniform Allowance	4,308	4,416	4,416
Honoraria	455		
Overtime Pay	451		
Mid-Year Bonus - Civilian	30,766	31,254	32,895
Year End Bonus	31,087	31,254	32,895
Cash Gift	3,636	3,680	3,680
Productivity Enhancement Incentive	3,601	3,680	3,680
Collective Negotiation Agreement	15,344		
Total Other Compensation Common to All	<u>116,642</u>	<u>103,096</u>	<u>105,274</u>
Other Compensation for Specific Groups			
Magna Carta for Science & Technology Personnel	136,723	125,166	166,846
Other Personnel Benefits	7,192		
Total Other Compensation for Specific Groups	<u>143,915</u>	<u>125,166</u>	<u>166,846</u>
Other Benefits			
Retirement and Life Insurance Premiums	44,078	45,004	47,365
PAG-IBIG Contributions	875	884	884
PhilHealth Contributions	3,937	3,956	4,134
Employees Compensation Insurance Premiums	862	884	884
Loyalty Award - Civilian	605	520	300
Terminal Leave	39,750	14,295	2,404
Total Other Benefits	<u>90,107</u>	<u>65,543</u>	<u>55,971</u>

TOTAL PERSONNEL SERVICES	721,849	668,832	722,805
Maintenance and Other Operating Expenses			
Travelling Expenses	32,108	36,699	36,555
Training and Scholarship Expenses	9,196	8,123	7,584
Supplies and Materials Expenses	51,202	46,767	51,928
Utility Expenses	31,789	38,860	39,411
Communication Expenses	11,050	13,431	13,761
Awards/Rewards and Prizes	331	255	257
Confidential, Intelligence and Extraordinary Expenses			
Extraordinary and Miscellaneous Expenses	3,636	3,632	4,267
Professional Services	10,713	14,156	14,829
General Services	79,067	66,635	68,722
Repairs and Maintenance	20,884	27,572	30,631
Financial Assistance/Subsidy	4,172,540	4,288,167	4,702,571
Taxes, Insurance Premiums and Other Fees	8,714	8,098	8,346
Other Maintenance and Operating Expenses			
Advertising Expenses	158	686	587
Printing and Publication Expenses	1,370	1,657	2,712
Representation Expenses	11,284	12,754	9,822
Transportation and Delivery Expenses	328	392	497
Rent/Lease Expenses	6,349	5,752	6,725
Membership Dues and Contributions to Organizations	532	609	639
Subscription Expenses	4,786	11,249	9,133
Other Maintenance and Operating Expenses	6,174	3,563	2,864
TOTAL MAINTENANCE AND OTHER OPERATING EXPENSES	4,462,211	4,589,057	5,011,841
TOTAL CURRENT OPERATING EXPENDITURES	5,184,060	5,257,889	5,734,646
Capital Outlays			
Property, Plant and Equipment Outlay			
Land Improvements Outlay		15,000	
Buildings and Other Structures	12,569	150,400	85,000
Machinery and Equipment Outlay	64,985	81,868	72,235
Transportation Equipment Outlay	9,746	12,900	
Furniture, Fixtures and Books Outlay	11,229	1,500	
TOTAL CAPITAL OUTLAYS	98,529	261,668	157,235
GRAND TOTAL	5,282,589	5,519,557	5,891,881

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

<u>ORGANIZATIONAL OUTCOMES (OOs) / PERFORMANCE INDICATORS (PIs)</u>	<u>2019 GAA Targets</u>	<u>Actual</u>
Increased benefits to Filipinos from scientific knowledge and cutting-edge technological innovations		
STRATEGIC SCIENCE AND TECHNOLOGY (S&T) PROGRAM		
Outcome Indicators		
1. Percentage of projects completed within the required timeframe	14%	96% (475/495)

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	90%	100% (245/245)
3. Percentage of priorities in the Harmonized National R&D Agenda (HNRDA) addressed	80%	100% (5/5)
Output Indicators		
1. Number of projects funded	98	363
2. Number of grantees supported	98	323
3. Percentage of programs/projects received that are evaluated and approved within the standard period of 90 days	73%	85% (296/350)
S&T PROGRAM FOR REGIONAL AND COUNTRYSIDE DEVELOPMENT		
Outcome Indicators		
1. Percentage increase in productivity generated	17%	23% (1.518B/6.960B)
2. Percentage increase in employment generated	7%	13% (20,584 new jobs/ 159,170 total employed)
3. Percentage of clients who rate the assistance as satisfactory or better	93%	98% (62,486/63,762 clients)
Output Indicators		
1. Number of S&T interventions provided	9,952	25,833
2. Number of MSMEs, LGUs, HEIs, communities and other customers assisted	15,259	37,831
3. Percentage of requests for technical assistance that are acted upon within the ISO standard time	93%	98% (34,189/34,887)

PERFORMANCE INFORMATION

ORGANIZATIONAL OUTCOMES (Oos) / PERFORMANCE INDICATORS (PIs)	Baseline	2020 Targets	2021 NEP Targets
Increased benefits to Filipinos from scientific knowledge and cutting-edge technological innovations			
STRATEGIC SCIENCE AND TECHNOLOGY (S&T) PROGRAM			
Outcome Indicators			
1. Percentage of projects completed within the required timeframe	12%	16%	96%
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%	90%	92%
3. Percentage of priorities in the Harmonized National R&D Agenda (HNRDA) addressed	81%	81%	85%
Output Indicators			
1. Number of projects funded	175	173	336
2. Number of grantees supported	60	173	323
3. Percentage of programs/projects received that are evaluated and approved within the standard period of 90 days	75%	75%	85%
S&T PROGRAM FOR REGIONAL AND COUNTRYSIDE DEVELOPMENT			
Outcome Indicators			
1. Percentage increase in productivity generated	19%	17%	18%
2. Percentage increase in employment generated	13%	8%	8%
3. Percentage of clients who rate the assistance as satisfactory or better	96%	92%	92%
Output Indicators			
1. Number of S&T interventions provided	49,784	15,558	14,061
2. Number of MSMEs, LGUs, HEIs, communities and other customers assisted	31,064	18,325	15,126
3. Percentage of requests for technical assistance that are acted upon within the ISO standard time	95%	93%	95%