

# Budget Update

July 29, 2020

*National Science Board  
Committee on Strategy*

*Open Session*

CAITLYN FIFE, DIVISION DIRECTOR, BUDGET DIVISION/BFA

**NATIONAL SCIENCE FOUNDATION**



# TOPICS

- Budget Process – Where Are We?
- Current Year Update – FY 2020
  - Coronavirus Investments
- Budget Year Update – FY 2021
- Budget Planning – FY 2022

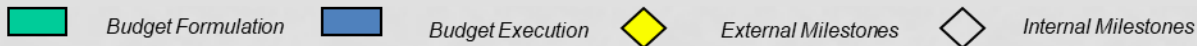
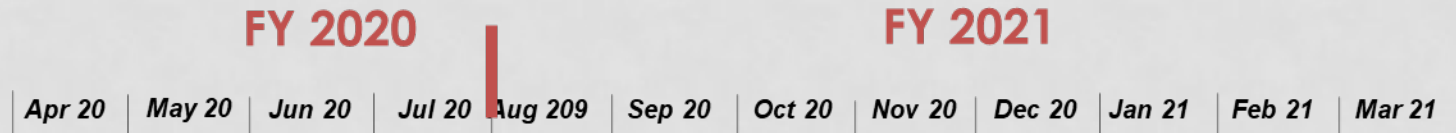


# BUDGET PROCESS - WHERE ARE WE?

<b>Timeframe</b>	<b>NSF Leadership Activities</b>	<b>Principal NSB Engagement</b>
February 2020	NSF: Submit FY 2021 Budget Request to Congress	
April-May 2020	NSF Leadership Strategy Retreat <ul style="list-style-type: none"> <li>• Discussions on FY 2020 COVID</li> <li>• Informs FY 2022 Initial Planning</li> </ul>	NSB Meeting May 5-6 <ul style="list-style-type: none"> <li>• Discuss April NSF Leadership discussions on FY 2020 and COVID, FY 2021 Request status, and initial discussion on FY 2022 Planning</li> </ul>
June-July 2020	NSF Leadership Budget Retreats <ul style="list-style-type: none"> <li>• June-July</li> </ul> OMB A-11 (General Guidance on Preparation, Submission, and Execution of the Budget) <ul style="list-style-type: none"> <li>• July</li> </ul> OMB FY 2022 Guidance to Agencies <ul style="list-style-type: none"> <li>• June</li> </ul> OMB/OSTP R&D Priorities Memo <ul style="list-style-type: none"> <li>• July/August TBD</li> </ul>	Committee on Strategy Telecon – July 22  NSB Meeting - July 29-30 <ul style="list-style-type: none"> <li>• Discuss June and July NSF Leadership Budget Retreats</li> <li>• Update on FY 2020 and COVID, and FY 2021 Request status</li> <li>• Share FY 2022 Budget Priorities</li> </ul>
August 2020	NSF: Complete FY 2022 OMB Budget Submission	CS/NSB Telecons <ul style="list-style-type: none"> <li>• NSB review/authorize transmission of NSF FY 2022 OMB Submission</li> </ul>
September 2020	NSF: FY 2022 Budget due to OMB	



# BUDGET PROCESS - WHERE ARE WE?



Note: Timing of internal deadlines and appropriations fluctuates from year-to-year

# Current Year Update - FY 2020



# FY 2020 CURRENT PLAN

(Dollars in Millions)

<b>Account</b>	<b>FY 2019 Actual</b>	<b>FY 2020 Request</b>	<b>FY 2020 Current Plan</b>	<b>FY 2020 Current Plan change over FY 2020 Request</b>	
<b>R&amp;RA</b>	\$6,578.1	\$5,663.0	\$6,719.8	\$1,056.8	18.7%
<b>EHR</b>	934.5	823.5	937.6	114.1	13.9%
<b>MREFC</b>	285.3	223.2	243.2	20.0	9.0%
<b>AOAM</b>	332.7	336.9	356.8	19.9	5.9%
<b>NSB</b>	4.3	4.1	4.5	0.4	9.8%
<b>OIG</b>	15.3	15.4	16.5	1.2	7.5%
<b>Total</b>	<b>\$8,150.2</b>	<b>\$7,066.0</b>	<b>\$8,278.3</b>	<b>\$1,212.3</b>	<b>17.2%</b>



# FY 2020 CURRENT PLAN

- FY 2020 Current Plan increase above the Request:
  - Reinvest in Strategic programs aligned with the FY 2019 Current Plan.
  - Provides additional support for Industries of the Future.
    - Includes additional investment for Quantum Leap Challenge Institutes, Artificial Intelligence R&D Institutes, Spectrum Innovation Initiative.
  - Supports Broadening Participation at Congressional levels
  - Provides additional funding for the EPSCoR and SBIR/STTR programs.
  - Covers increased administrative costs, including personnel compensation and benefits.



# CORONAVIRUS SUPPORT

## CARES ACT SUPPLEMENTAL

- Emergency funding provided, *“to prevent, prepare for, and respond to coronavirus”*.
- NSF received \$76 million in supplemental funding as part of the CARES ACT.
  - \$70 million in R&RA
  - \$5 million in EHR
  - \$1 million in AOAM
- Funding available through Sept. 30, 2021.
- As of July 23, 2020, NSF has awarded \$62 million to support COVID-19 efforts in addition to the supplemental appropriations.





# Budget Year Update - FY 2021



# FY 2021 BUDGET STATUS

- On July 14<sup>th</sup>, the House Appropriations Committee approved the FY 2021 Commerce, Justice, and Science funding bill.
- The legislation contains \$8.55 billion for NSF:
  - \$270 million above the FY 2020 enacted level.
  - \$807 million above the FY 2021 request.
- FY 2021 full year appropriations are pending, requiring approval from the full House and action in the Senate.



# FY 2021 BUDGET COMPARISONS

(Dollars in Millions)

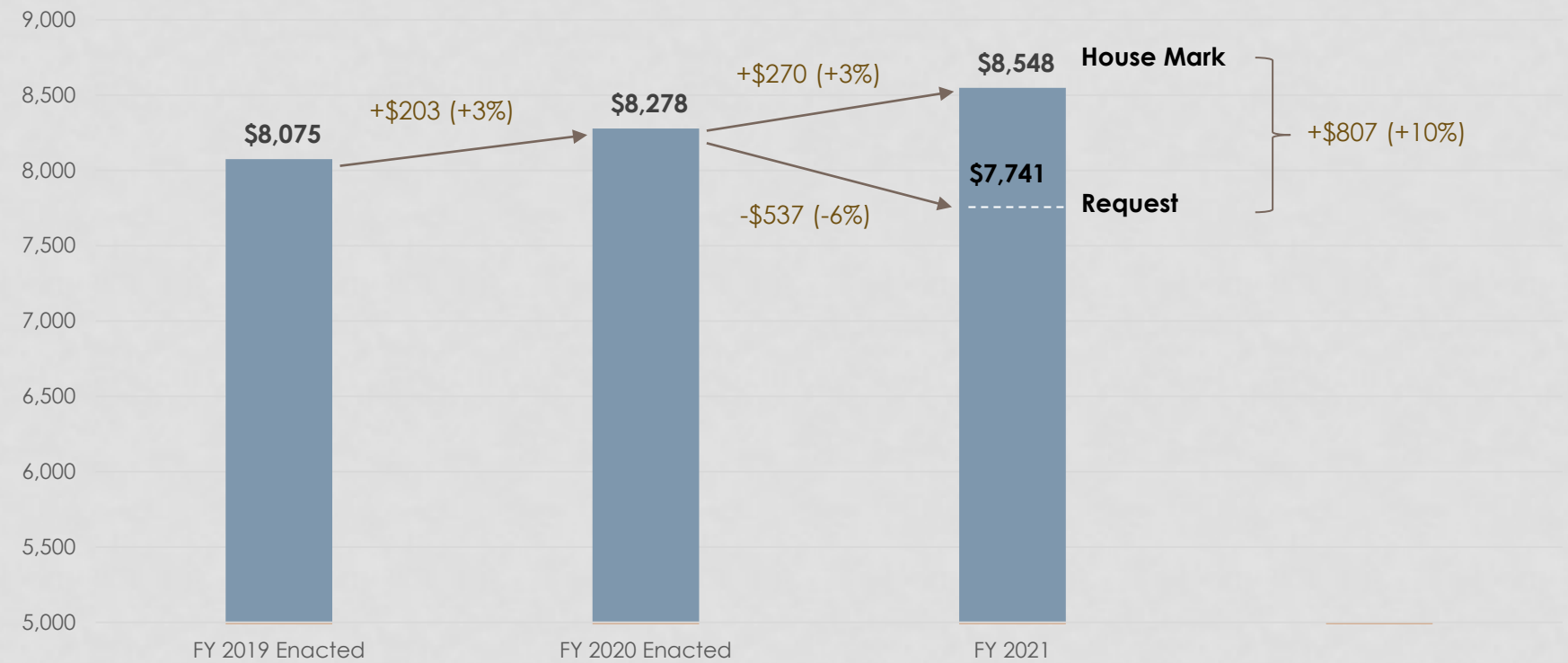
Accounts	FY 2021 House Mark	FY 2021 House Mark change over		
		FY 2021 Request	FY 2020 Current Plan	FY 2019 Actual
<b>R&amp;RA</b>	\$6,967.1	\$754.1	\$247.3	\$389.0
<b>EHR</b>	\$970.0	39.1	32.5	35.5
<b>MREFC</b>	\$243.2	13.5	-	-42.0
<b>AOAM</b>	\$345.6	-	-11.1	13.0
<b>NSB</b>	\$4.5	0.3	-	0.2
<b>OIG</b>	\$17.9	-	1.4	2.6
<b>Total</b>	<b>\$8,548.3</b>	<b>\$806.9</b>	<b>\$270.0</b>	<b>\$398.1</b>



# BUDGET CONTEXT

NSF Funding Levels FY 2019-FY 2021

(\$ in millions)



# Budget Planning - FY 2022



# FY 2022 BUDGET PREPARATION

- OMB's FY 2022 Budget Guidance received in June.
- Joint OMB/OSTP R&D memo expected later this summer.
- NSF Leadership retreats held in June and July
  - Implementation of FY 2022 direction underway



Questions?

