

H.R. 3153, EFFORT Act

As ordered reported by the Senate Committee on Commerce, Science, and Transportation on November 13, 2019

| By Fiscal Year, Millions of Dollars | 2020 | 2020-2024 | 2020-2029 |
|--|------|-------------------------------------|-----------|
| Direct Spending (Outlays) | 0 | 0 | 0 |
| Revenues | 0 | 0 | 0 |
| Deficit Effect | 0 | 0 | 0 |
| Spending Subject to Appropriation (Outlays) | 1 | 27 | 45 |
| Statutory pay-as-you-go procedures apply? | No | Mandate Effects | |
| Increases on-budget deficits in any of the four consecutive 10-year periods beginning in 2030? | No | Contains intergovernmental mandate? | No |
| | | Contains private-sector mandate? | No |

H.R. 3153 would authorize the appropriation of \$10 million annually over the 2020-2024 period for the National Science Foundation (NSF) to support research on the science of opioid addiction.

Using information from the NSF, CBO estimates that the agency allocated \$5 million in 2019 for those purposes. Because CBO estimates the budgetary effects of continuing resolutions on an annualized basis, in 2020 CBO assumes that the NSF will allocate the same amount from funds made available under the current continuing resolution (Public Law 116-69). As a result, CBO estimates that H.R. 3153 would authorize an increase in spending subject to appropriation in 2020 of \$5 million, the difference between the authorized amount and the annualized amount under the continuing resolution. Assuming appropriation of the authorized amounts, and based on historical spending patterns for similar activities, CBO estimates that implementing the legislation would cost \$27 million over the 2020-2024 period and \$18 million after 2024.

The costs of the legislation (detailed in Table 1) fall within budget function 250 (science, space, and technology).

Table 1.
Estimated Increases in Spending Subject to Appropriation Under H.R. 3153

| | By Fiscal Year, Millions of Dollars | | | | | | | | | | 2020-2024 | 2020-2029 |
|-----------------------------|-------------------------------------|------|------|------|------|------|------|------|------|------|-----------|-----------|
| | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | | |
| Authorization ^{1a} | 5 | 10 | 10 | 10 | 10 | 0 | 0 | 0 | 0 | 0 | 45 | 45 |
| Estimated Outlays | 1 | 3 | 6 | 8 | 9 | 8 | 5 | 3 | 1 | 1 | 27 | 45 |

a. H.R. 3153 would authorize the appropriation of \$10 million in 2020 for the NFS to support research on opioid addiction. However using information from the NSF, CBO estimates that \$5 million has been allocated on an annualized basis from funds made available under the current continuing resolution (Public Law 116-69), which provided appropriations through December 20, 2019. Thus, the estimated authorization for 2020, (\$5 million) is equal to the specified amount (\$10 million) minus the annualized amount from the continuing resolution (\$5 million).

On June 25, 2019, CBO transmitted a [cost estimate for H.R. 3153](#), the EFFORT Act, as ordered reported by the House Committee on Science, Space, and Technology on June 20, 2019. Both versions of the legislation would direct the NSF to support research on the science of opioid addiction, however, H.R. 3153 as ordered reported by the Senate Committee on Commerce, Science, and Transportation also would authorize appropriations for that purpose. Accordingly, CBO’s estimates of the budgetary effects reflect that difference.

The CBO staff contact for this estimate is Janani Shankaran. The estimate was reviewed by H. Samuel Papenfuss, Deputy Assistant Director for Budget Analysis.