

RESPONSES TO QUESTIONS OF THE SUBCOMMITTEE ON SCIENCE, RESEARCH,
AND DEVELOPMENT BY DEPARTMENT OF HEALTH, EDUCATION, AND
WELFARE

Question 1: Please provide a listing of all contracts and grants concerning research and development in the area of pollution abatement within the jurisdiction of your agency for the last several years, up to the most current date for which statistics are available. Included in such listing should be a breakout by category of contract versus grant; university, industry, in-house effort, or other; basic research, applied research, and development; and general subject of research contract or grant. Also provide estimated amounts of funds to be obligated during fiscal year 1967, by type of research and by type of pollution research area.

Answer: The requested information, broken out by air pollution activities and those pertaining to solid waste pollution activities is contained in the following summary tables. Detailed listings of all in-house research projects, grants, and other activities for both areas are available in the committee files.

TABLE NO. 1.—*Air pollution research and development by performer*

[In thousands of dollars]

Year	Federal operations	State and local agencies	Universities	Other nonprofits	Profit organizations	Other	Total
Fiscal year 1964	5,266	118	4,154	679	188	2	10,407
Fiscal year 1965	5,722	120	4,655	959	397	-----	11,853
Fiscal year 1966	7,041	64	4,974	1,224	607	-----	13,910
Subtotal	18,029	302	13,783	2,862	1,192	2	36,170
Fiscal year 1967 ¹	-----	-----	-----	-----	-----	-----	17,784
Total	-----	-----	-----	-----	-----	-----	53,954

¹ Estimate.

TABLE NO. 2.—*Air pollution research and development by type of research*

[In thousands of dollars]

Year	Basic	Applied	Development	Total
Fiscal year 1964	1,449	7,591	1,367	10,407
Fiscal year 1965	1,517	8,878	1,458	11,853
Fiscal year 1966	1,922	9,987	2,001	13,910
Subtotal	4,888	26,456	4,826	36,170
Fiscal year 1967 ¹	-----	-----	-----	17,784
Total	-----	-----	-----	53,954

¹ Estimate.