

General Information

Survey Overview

This survey asks questions about both the R&D your company pays for as well as R&D that is paid for by customers, the government, and other organizations that are not owned by your company. This survey also requests data on your company's R&D employees and intellectual property.

The Business R&D and Innovation Survey is divided into five sections in addition to this general information section. Each section asks questions about different aspects of R&D at your company. Due to the specialized nature of each section, it may be necessary to collaborate with colleagues in different departments within your company for each section. The sections are color-coded and cover the following topical areas.

General Information (pp. 2-8)

Section 1 - Financial Schedule 1 (pp. 9-15)

Section 2 - Financial Schedule 2 (pp. 16-24)

Section 3 - Management and Strategy of R&D (pp. 25-)

Section 4 - Human Resources (pp.)

Section 5 - Innovation and intellectual Property (pp.)

Filing electronically

To submit your report securely via the web, following these directions:

- (1) Go to [www.census.gov/...](http://www.census.gov/)
- (2) Click on Report Online
- (3) Follow the online instructions to log in and respond to this survey

Advantages

- Reduced time and expense to report
- Improved quality through automatic data checks
- Data are saved to secure Census Bureau servers as you complete the form. You can exit the form and resume at a later time without losing your data.
- Save a paper or electronic version of your completed form

Survey website

The survey website [www.census.gov/...](http://www.census.gov/) provides several tools to help you complete this survey:

- Frequently asked questions
- Sample questionnaires
- Worksheets for each section in a format that can be saved and emailed

Survey Data and Analysis

Data from this survey, as well as other sources of information on science and technology, are available at the National Science Foundation's website: www.nsf.gov/statistics/.

Definition of Research and Development (R&D)

R&D is planned, creative work aimed at discovering new knowledge or developing new or significantly improved goods and services. It includes 1) activity aimed at acquiring new knowledge or understanding without specific immediate commercial application or use (basic research); 2) activity aimed at solving a specific problem or meeting a specific commercial objective (applied research); and 3) systematic use of research and practical experience to produce new or significantly improved goods, services, or processes (development).

Reporting unit

The reporting unit is your company, including all subsidiaries and divisions. Include operations of subsidiary companies where there is more than 50 percent ownership.

Reporting for discontinued operations

For reporting purposes treat discontinued operations as ongoing and include these data in your responses where applicable.

Reporting for worldwide, domestic, and foreign operations

The term "worldwide" refers to all geographic locations, including the United States. The term "domestic" refers to the 50 United States and the District of Columbia only. The term "foreign" refers to all other locations outside the 50 United States and the District of Columbia.

Foreign-owned companies

The reporting unit for this survey is your U.S.-based company, including all its majority-owned subsidiaries and divisions regardless of location. For reporting purposes, your foreign owner and any other foreign affiliates your company does not own should be treated the same as any other customer or business partner you do not own.

If you pay your foreign owner for R&D services, those costs should be included in your responses to Questions 2•1 (R&D expense) and 2•13, line i (costs for purchased R&D services).

If your foreign owner pays or reimburses your company for R&D services, the costs for this R&D should be reported in Question 2•4 (costs funded, paid for, or reimbursed by others).

Example: Generic Research USA is a U.S. subsidiary of Generic Inc., which is located in Germany. During 2009 Generic Research USA's total R&D costs were \$50 million. Generic Research USA performed R&D that cost \$45 million and paid Generic Inc. \$5 million for R&D services. At its year-end close, Generic Research USA was instructed by its parent company to charge back 80% of its R&D costs to Generic Inc.

In this example, Generic Research USA reports \$10 million (20% of \$50 million) in Question 2•1 (R&D expense) and \$1 million (20% of \$5 million) in Question 2•13, line i (costs for purchased R&D services), which is a subset of the amount reported in Question 2•1. Generic Research USA reports \$40 million (80% of \$50 million) in Question 2•4 (costs funded, paid for, or reimbursed by others) as this is the amount that was charged back to its foreign owner.

The Survey requires reporting on a U.S. GAAP basis. If your company follows International Financial Reporting Standards (IFRS), we request that you estimate any adjustments that would be required to conform to U.S. GAAP. Please note these estimates in the space for "Remarks" at the end of the survey.

Partial-year reporters

If your company was either purchased by a U.S. company or ceased operations between April 1, 2009 and December 31, 2009, report for the period from January 1, 2009 to the date of purchase or the date your company ceased operations. If either or these events occurred before April 1, 2009, complete questions 1•1 and 1•2 and return this form to the Census Bureau.

Use of estimates

Estimates are acceptable. Please report all items to the best of your ability.

Reporting period

Report data for calendar year 2009, if possible, or for your company's fiscal year ending between April 2009 and March 2010.

1 Did another company own more than 50 percent of your company during 2009?

Yes → Please provide the following information:

Name of owner

EIN of owner (9 digits)

| | | | | | | | | |
|--|--|--|--|--|--|--|--|--|
| | | | | | | | | |
|--|--|--|--|--|--|--|--|--|

Is the owner a U.S. company? Yes No

(MM) (DD) (YYYY)

Date owner purchased your company

| | | |
|--|--|--|
| | | |
|--|--|--|

No

2 Has your company ceased operations?

Yes → Please provide the following information:

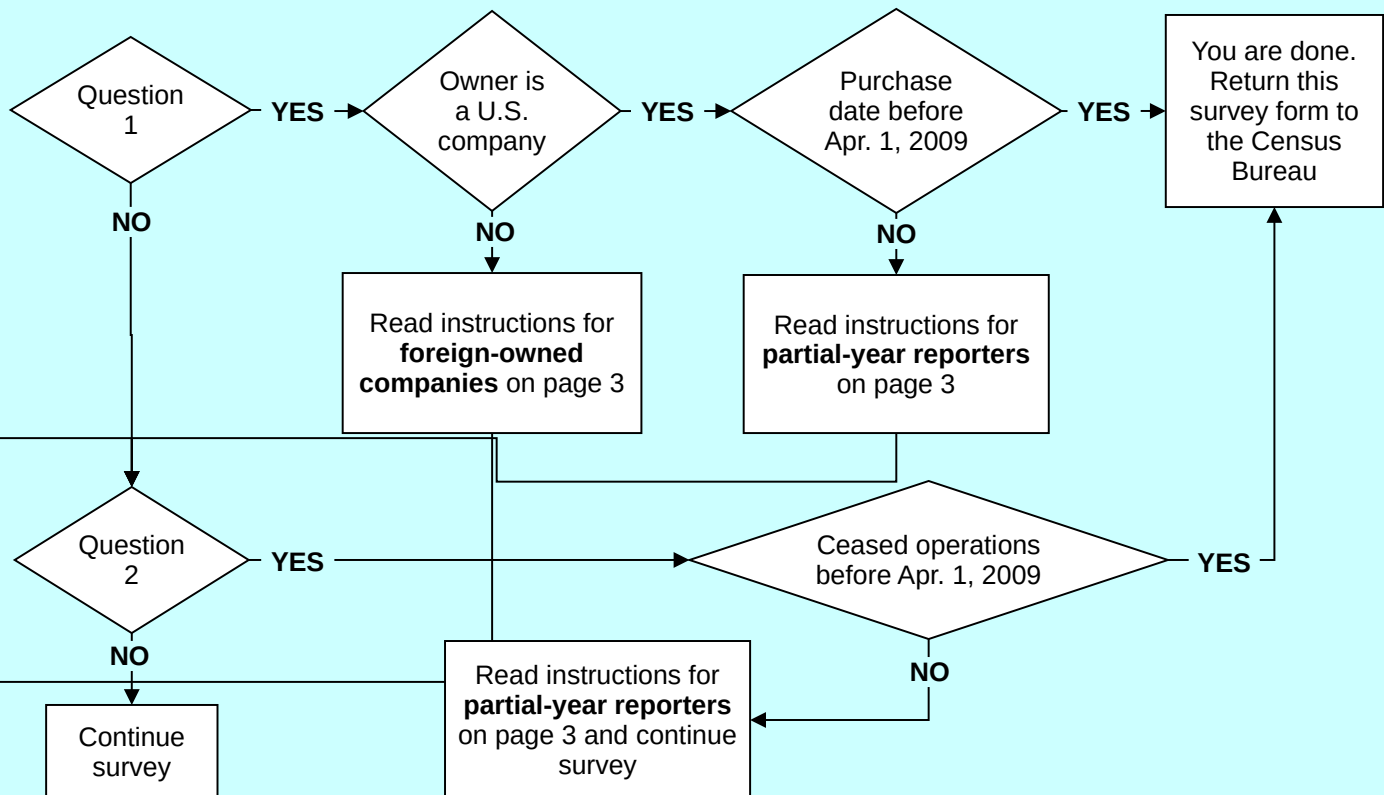
(MM) (DD) (YYYY)

Date your company ceased operations

| | | |
|--|--|--|
| | | |
|--|--|--|

No

Use the following flowchart to determine how to complete the rest of this survey.



3 Did your company own more than 50 percent of any company operations or subsidiaries outside the 50 United States and D.C. during 2009?

Yes → Include data for these operations/subsidiaries in your survey responses

No

Business codes

4 Do the business code(s) listed below reflect all applicable codes from the list on pages x-y in which your company operated worldwide during 2008?

NOTE: Because these codes should reflect your company's global business activities and R&D they may differ from industry codes used by other government surveys and reports.

If no business codes are printed below, please write in the codes from pages 8-9 that apply to your company

- Yes → Continue with Question 5
- No → Draw a line through codes that are incorrect. As needed, enter additional codes and descriptions from pages x-y in the spaces provided.

| Business Code (see pages x-y) | Description |
|----------------------------------|-------------|
| | |
| | |
| | |
| | |
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| | |

5 What was the amount of your company's worldwide net sales and revenues—the value of goods and services sold during the year, net of discounts, returns, and allowances—during 2009?

Include:

- Sales and operating revenues for discontinued operations

Exclude:

- Non-operating income (i.e. dividends, interest)
- Excise, sales, and other revenue based taxes

| \$Bil. | Mil. | Thou. |
|--------|------|-------|
| | | |

6 How much of the 2009 worldwide net sales and operating revenues reported in Question 5 was from domestic operations?

Include:

- Operating revenues and sales to foreign customers, including foreign subsidiaries

| \$Bil. | Mil. | Thou. |
|--------|------|-------|
| | | |

7

How much of the 2009 sales and operating revenue amounts was for each business code listed or amended in Question 4:

- (1) Worldwide net sales and operating revenues reported in Question 5
- (2) Domestic net sales and operating revenues reported in Question 6

| Business Code (see page x) | (1) Worldwide sales and revenues | | | (2) Domestic sales and revenues | | |
|-------------------------------|--|------|-------|---------------------------------------|------|-------|
| | \$Bil. | Mil. | Thou. | \$Bil. | Mil. | Thou. |
| a. <input type="text"/> | <input type="text"/> | | | <input type="text"/> | | |
| b. <input type="text"/> | <input type="text"/> | | | <input type="text"/> | | |
| c. <input type="text"/> | <input type="text"/> | | | <input type="text"/> | | |
| d. <input type="text"/> | <input type="text"/> | | | <input type="text"/> | | |
| e. <input type="text"/> | <input type="text"/> | | | <input type="text"/> | | |
| f. <input type="text"/> | <input type="text"/> | | | <input type="text"/> | | |
| g. <input type="text"/> | <input type="text"/> | | | <input type="text"/> | | |
| h. <input type="text"/> | <input type="text"/> | | | <input type="text"/> | | |
| i. Total | <input type="text"/> | | | <input type="text"/> | | |

Total equals Question 5

Total equals Question 6

Reporting Information

8

Is the information in this section reported on a calendar year basis?

Yes

No → Enter the time period covered below:

From To

9

Approximately how long did it take to complete this section?

| |
|----------------------|
| Hours |
| <input type="text"/> |

10

Please list the names and titles of the persons who provided data for this section.

| Name | Title |
|----------------------|----------------------|
| <input type="text"/> | <input type="text"/> |
| <input type="text"/> | <input type="text"/> |
| <input type="text"/> | <input type="text"/> |
| <input type="text"/> | <input type="text"/> |

SECTION 1

Financial Schedule 1

instruction space - possibly use variable printing

1•1 What was the total worldwide R&D expense for your company in 2009?

This amount is equivalent to that disclosed by publicly traded companies on SEC Form 10-K as defined by FASB Statement No. 2, "Accounting for Research and Development Costs". Foreign-owned companies should refer to the instructions on page 3. Additional guidance is available online: [www.census.gov/econhelp/brdis/ ...](http://www.census.gov/econhelp/brdis/)

| \$Bil. | Mil. | Thou. |
|--------|------|-------|
| | | |

1•2 If the amount reported in Question 1•1 (worldwide R&D expense) included any of the following costs, how much was included?

- a. Collaborative research and development that was reimbursed by business partners, such as through cost-sharing agreements
- b. R&D paid for by government or private foundation grants
- c. Technical services not an integral part of an R&D project (such as product support provided by R&D employees)
- d. Bid and proposal costs
- e. Costs your company plans to recoup through indirect charges on U.S. federal government contracts (IR&D)
- f. In-process R&D (IPR&D)

| \$Bil. | Mil. | Thou. |
|--------|------|-------|
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

In-process R&D is an expense resulting from a business acquisition attributable to the acquired company's R&D that has not resulted in a finished product or process.

- g. **Total**

| | | |
|--|--|--|
| | | |
|--|--|--|

1•3 Subtract 1•2, line g, from 1•1 and enter the result here. This is the total R&D paid for by your company in 2009.

| \$Bil. | Mil. | Thou. |
|--------|------|-------|
| | | |

1•4 Was the amount entered in Question 1•3 greater than zero?

- Yes → Continue with Question 1•5
- No → Skip to Section 2 on page 16

R&D paid for by your company

1•5 Of the amount reported in Question 1•3 (total R&D paid for by your company in 2009), what were the costs for each business code listed or amended on page 5 of this form?

Allocate R&D that is applicable to more than one business code on a reasonable basis. Allocation in proportion to operating revenues is acceptable unless some alternative allocation basis is more appropriate.

| | Business Code (see page x) | | | |
|----|------------------------------------|--------|------|-------|
| | | \$Bil. | Mil. | Thou. |
| a. | | | | |
| b. | | | | |
| c. | | | | |
| d. | | | | |
| e. | | | | |
| f. | | | | |
| g. | | | | |
| h. | | | | |
| i. | Total (equals Question 1•3) | | | |

1•6 Of the amount reported in Question 1•3 (total R&D paid for by your company in 2009), what were the costs in the following countries?

| | \$Bil. | Mil. | Thou. | | \$Bil. | Mil. | Thou. |
|-----------------------|--------|------|-------|--|--------|------|-------|
| a. Domestic U.S. | | | | j. Italy | | | |
| b. United Kingdom ... | | | | k. Japan | | | |
| c. Canada | | | | l. Russia | | | |
| d. China | | | | m. Singapore | | | |
| e. France | | | | n. South Korea | | | |
| f. Germany | | | | o. Sweden | | | |
| g. India | | | | p. United Kingdom ... | | | |
| h. Ireland | | | | q. All other | | | |
| i. Israel | | | | r. Total (equals Question 1•3) | | | |

1•7

Copy the amount from Question 1•6, line a. This is the total domestic R&D paid for by your company in 2009.

| | | |
|--------|------|-------|
| \$Bil. | Mil. | Thou. |
| | | |

1•8

Add 1•6, lines b through q, and enter the result here. This is the total foreign R&D paid for by your company in 2009.

| | | |
|--------|------|-------|
| \$Bil. | Mil. | Thou. |
| | | |

1•9

How much of the (1) domestic, (2) foreign, and (3) total worldwide R&D paid for by your company in 2009 was for each of the following types of costs?

| | (1) Domestic R&D | | | (2) Foreign R&D | | | (3) Total worldwide R&D | | |
|---------------------------------------|----------------------------------|------|-------|----------------------------------|------|-------|----------------------------------|------|-------|
| | \$Bil. | Mil. | Thou. | \$Bil. | Mil. | Thou. | \$Bil. | Mil. | Thou. |
| a. Gross annual payroll | | | | | | | | | |
| b. Fringe benefits | | | | | | | | | |
| c. Stock-based compensation | | | | | | | | | |
| d. Temporary staffing | | | | | | | | | |
| e. Expensed equipment | | | | | | | | | |
| f. Materials and supplies | | | | | | | | | |
| g. Lease and rental payments | | | | | | | | | |
| h. Depreciation & amortization | | | | | | | | | |
| i. Payments to collaborators ... | | | | | | | | | |
| j. Purchased R&D services | | | | | | | | | |
| k. All other purchased services | | | | | | | | | |
| l. All other costs | | | | | | | | | |
| m. Total | | | | | | | | | |
| | <i>Total equals Question 1•7</i> | | | <i>Total equals Question 1•8</i> | | | <i>Total equals Question 1•3</i> | | |

1•10

Add 1•9, lines i and j for each column, and enter the result here. This is R&D performed by others.

| | (1) Domestic R&D | | | (2) Foreign R&D | | | (3) Total worldwide R&D | | |
|-------------------------------|---------------------|------|-------|--------------------|------|-------|----------------------------|------|-------|
| | \$Bil. | Mil. | Thou. | \$Bil. | Mil. | Thou. | \$Bil. | Mil. | Thou. |
| R&D performed by others | | | | | | | | | |

1-11 Subtract 1-10, column 1, from 1-7 and enter the result here.
This is the **domestic R&D performed by your company**.

| \$Bil. | Mil. | Thou. |
|--------|------|-------|
| | | |

1-12 How much of the **domestic R&D performed by your company** reported in Question 1-11 was performed in each state (including D.C.) in 2009?

| | \$Bil. | Mil. | Thou. | | \$Bil. | Mil. | Thou. |
|--------------------------|--------|------|-------|----------------------|--------|------|-------|
| Alabama | | | | Michigan | | | |
| Alaska | | | | Minnesota | | | |
| Arizona | | | | Mississippi | | | |
| Arkansas | | | | Missouri | | | |
| California | | | | Montana | | | |
| Colorado | | | | Nebraska | | | |
| Connecticut | | | | Nevada | | | |
| Deleware | | | | New Hampshire | | | |
| District of Columbia ... | | | | New Jersey | | | |
| Florida | | | | New Mexico | | | |
| Georgia | | | | New York | | | |
| Hawaii | | | | North Carolina | | | |
| Idaho | | | | North Dakota | | | |
| Illinois | | | | Ohio | | | |
| Indiana | | | | Oklahoma | | | |
| Iowa | | | | Oregon | | | |
| Kansas | | | | Pennsylvania | | | |
| Kentucky | | | | Rhode Island | | | |
| Louisiana | | | | South Carolina | | | |
| Maine | | | | South Dakota | | | |
| Maryland | | | | Tennessee | | | |
| Massachusetts | | | | Texas | | | |

Question continues on next page

1•12 (Continued)

| | \$Bil. | Mil. | Thou. | | \$Bil. | Mil. | Thou. |
|------------------|--------|------|-------|-------------------------------------|--------|------|-------|
| Utah | | | | West Virginia | | | |
| Vermont | | | | Wisconsin | | | |
| Virginia | | | | Wyoming | | | |
| Washington | | | | Total (equals Question 1•11) | | | |

1•13 At what domestic location did your company perform the largest dollar amount of R&D in 2009?

Address 1

Address 2

City

State

ZIP

1•14 How much of the domestic R&D performed by your company reported in Question 1•11 was from the location identified in Question 1•13?

| \$Bil. | Mil. | Thou. |
|--------|------|-------|
| | | |

1•15 How much of the total worldwide R&D performed by others, reported in Question 1•10, column 3, was performed by the following types of organizations?

| | \$Bil. | Mil. | Thou. |
|---|--------|------|-------|
| a. Companies located <u>inside</u> the United States | | | |
| b. Companies located outside the United States | | | |
| c. U.S. federal government agencies or laboratories | | | |
| d. U.S. state and local government agencies or laboratories | | | |
| e. Foreign government agencies or laboratories | | | |
| f. Universities, colleges, and academic researchers (including principal investigators) located inside the United States | | | |
| g. Universities, colleges, and academic researchers (including principal investigators) located outside the United States | | | |
| h. All other organizations (including hospitals and nonprofit organizations) .. | | | |
| i. Total R&D performed by others (equals Question 1•10, column 3) ... | | | |

1•16

How much of the total R&D paid for by your company reported in Question 2•3 was a domestic R&D expense—R&D paid for by your company's domestic operations irrespective of where the R&D was performed?

| \$Bil. | Mil. | Thou. |
|--------|------|-------|
| | | |

1•17

How much of the R&D paid for by your company for each business code reported in Question 2•9 was:

- (1) Domestic R&D expense reported in Question 1•16
- (2) Domestic R&D performed by your company reported in Question 1•11

| Business Code (see page x) | (1) Domestic R&D expense | | | (2) Domestic R&D performed by your company | | |
|-------------------------------|--------------------------------|------|-------|--|------|-------|
| | \$Bil. | Mil. | Thou. | \$Bil. | Mil. | Thou. |
| a. <input type="text"/> | | | | | | |
| b. <input type="text"/> | | | | | | |
| c. <input type="text"/> | | | | | | |
| d. <input type="text"/> | | | | | | |
| e. <input type="text"/> | | | | | | |
| f. <input type="text"/> | | | | | | |
| g. <input type="text"/> | | | | | | |
| h. <input type="text"/> | | | | | | |
| i. Total | | | | | | |

Total equals Question 1•16 Total equals Question 1•11

Projected R&D for 2010

1•18

What are your company's projected 2010 costs for (1) domestic, (2) foreign, and (3) total worldwide R&D paid for by your company?

NOTE: This question is the 2010 projection for what is reported in Question 1•9, line m.

| Projected R&D costs for 2010 | (1) Domestic R&D | | | (2) Foreign R&D | | | (3) Total worldwide R&D | | |
|---------------------------------------|---------------------|------|-------|--------------------|------|-------|----------------------------|------|-------|
| | \$Bil. | Mil. | Thou. | \$Bil. | Mil. | Thou. | \$Bil. | Mil. | Thou. |
| | | | | | | | | | |

1•19

How much of the projected domestic R&D paid for by your company reported in Question 1•18, column 1, is for projected purchased R&D services and projected payments to collaborators?

| \$Bil. | Mil. | Thou. |
|--------|------|-------|
| | | |

Capital Expenditures

1•20 What was the amount of your company's capital expenditures in the domestic United States in 2009?

| \$Bil. | Mil. | Thou. |
|--------|------|-------|
| | | |

1•21 Of the amount reported in Question 1•20 (domestic capital expenditures), how much was for R&D operations?

| \$Bil. | Mil. | Thou. |
|--------|------|-------|
| | | |

1•22 Of the amount reported in Question 1•22 (domestic capital expenditures for R&D), how much was for the following?

- a. Structures
- b. Equipment
- c. Capitalized software
- d. All other capital expenditures for R&D operations
- e. **Total domestic capital expenditures for R&D**
(equals Question 1•21)

| \$Bil. | Mil. | Thou. |
|--------|------|-------|
| | | |
| | | |
| | | |
| | | |
| | | |

Reporting Information

1•23 Is the information in this section reported on a calendar year basis?

- Yes
- No → Enter the time period covered below:

(MM) (YYYY) (MM) (YYYY)
 From To

1•24 Approximately how long did it take to complete this section?

| Hours |
|-------|
| |

1•25 Please list the names and titles of the persons who provided data for this section.

| Name | Title |
|------|-------|
| | |
| | |
| | |
| | |

R&D paid for by others

2•4 Of the amount reported in Question 2•2 (total R&D paid for by others in 2009), what were the costs in the following countries?

| | \$Bil. | Mil. | Thou. | | \$Bil. | Mil. | Thou. |
|-----------------------|----------------------|------|-------|--|----------------------|------|-------|
| a. Domestic U.S. | <input type="text"/> | | | j. Italy | <input type="text"/> | | |
| b. United Kingdom ... | <input type="text"/> | | | k. Japan | <input type="text"/> | | |
| c. Canada | <input type="text"/> | | | l. Russia | <input type="text"/> | | |
| d. China | <input type="text"/> | | | m. Singapore | <input type="text"/> | | |
| e. France | <input type="text"/> | | | n. South Korea | <input type="text"/> | | |
| f. Germany | <input type="text"/> | | | o. Sweden | <input type="text"/> | | |
| g. India | <input type="text"/> | | | p. United Kingdom ... | <input type="text"/> | | |
| h. Ireland | <input type="text"/> | | | q. All other | <input type="text"/> | | |
| i. Israel | <input type="text"/> | | | r. Total (equals Question 2•2) | <input type="text"/> | | |

2•5 Copy the amount from Question 2•4, line a. This is the total domestic R&D paid for by others in 2009.

| \$Bil. | Mil. | Thou. |
|----------------------|------|-------|
| <input type="text"/> | | |

2•6 Add 2•4, lines b through q, and enter the result here. This is the total foreign R&D paid for by others in 2009.

| \$Bil. | Mil. | Thou. |
|----------------------|------|-------|
| <input type="text"/> | | |

2•7

How much of the (1) domestic, (2) foreign, and (3) total worldwide R&D paid for by others in 2009 was for each of the following types of costs?

| | (1) Domestic R&D | | | (2) Foreign R&D | | | (3) Total worldwide R&D | | |
|---------------------------------------|----------------------------------|------|-------|----------------------------------|------|-------|----------------------------------|------|-------|
| | \$Bil. | Mil. | Thou. | \$Bil. | Mil. | Thou. | \$Bil. | Mil. | Thou. |
| a. Gross annual payroll | | | | | | | | | |
| b. Fringe benefits | | | | | | | | | |
| c. Stock-based compensation | | | | | | | | | |
| d. Temporary staffing | | | | | | | | | |
| e. Expensed equipment | | | | | | | | | |
| f. Materials and supplies | | | | | | | | | |
| g. Lease and rental payments | | | | | | | | | |
| h. Depreciation & amortization | | | | | | | | | |
| i. Payments to collaborators ... | | | | | | | | | |
| j. Purchased R&D services | | | | | | | | | |
| k. All other purchased services | | | | | | | | | |
| l. All other costs | | | | | | | | | |
| m. Total | | | | | | | | | |
| | <i>Total equals Question 2•5</i> | | | <i>Total equals Question 2•6</i> | | | <i>Total equals Question 2•2</i> | | |

2•8

Add 2•7, lines i and j for column 1 and enter the result here. This is domestic R&D performed by others that was paid for by others (e.g. subcontracted/passed-through R&D costs)

| \$Bil. | Mil. | Thou. |
|--------|------|-------|
| | | |

2•9

Subtract 2•8 from 2•2 and enter the result here. This is the domestic R&D performed by your company that was paid for by others.

| \$Bil. | Mil. | Thou. |
|--------|------|-------|
| | | |

2•10 How much of total R&D paid for by others reported in Question 2•2 was for each business code listed or amended on page X of this form?

Allocate R&D that is applicable to more than one business code on a reasonable basis. Allocation in proportion to operating revenues is acceptable unless some alternative allocation basis is more appropriate.

| Business Code (see page x) | | \$Bil. | Mil. | Thou. |
|-------------------------------|--|--------|------|-------|
| a. | | | | |
| b. | | | | |
| c. | | | | |
| d. | | | | |
| e. | | | | |
| f. | | | | |
| g. | | | | |
| h. | | | | |
| i. | Total (equals Question 2•2) | | | |

2•11 How much of the domestic R&D performed by your company that was paid for by others reported in Question 2•9 was performed under the following types of agreements?

| | \$Bil. | Mil. | Thou. |
|---|--------|------|-------|
| a. Contracts (include direct or prime contracts and subcontracts) | | | |
| b. Grants, reimbursement, and all other agreements | | | |
| c. Total (equals Question 2•9) | | | |

2•12 How much of the domestic R&D performed by your company that was paid for by others reported in Question 2•9 was paid for by each of the following?

If your company is a subcontractor or subgrantee, report the original source of funds.

Example: Company Sub Inc. performs custom software development for a large defense company as a subcontractor on a contract with the U.S. Dept. of Defense. Even though Sub Inc. is working directly for the defense company, it reports the cost of this software development in line x because the Dept. of Defense was the original source of funds.

| | \$Bil. | Mil. | Thou. |
|--|--------|------|-------|
| a. Other companies located inside the United States | | | |
| b. Other companies located outside the United States | | | |
| c. U.S. federal government agencies or laboratories | | | |
| d. U.S. state government agencies or laboratories | | | |
| e. Foreign government agencies or laboratories | | | |
| f. All other organizations inside the United States | | | |
| g. All other organizations outside the United States | | | |
| h. Total (equals Question 2•9) | | | |

2•13 Add 2•12, lines a and b and enter the result here.
This is domestic R&D performed by others that was paid for by other companies

| \$Bil. | Mil. | Thou. |
|--------|------|-------|
| | | |

2•14 How much of the R&D paid for by other companies reported in Question 2•13 was paid for by the following types of companies?

| | \$Bil. | Mil. | Thou. |
|--|--------|------|-------|
| a. Aerospace | | | |
| b. Computer products | | | |
| c. Electronic products | | | |
| d. Motor vehicles | | | |
| e. Petrochemicals | | | |
| f. Pharmaceuticals | | | |
| g. All other companies | | | |
| h. Total (equals Question 2•13) | | | |

2•15 Copy the amount from Question 2•12, line c.
This is domestic R&D performed by others that was paid for by the U.S. federal government

| \$Bil. | Mil. | Thou. |
|--------|------|-------|
| | | |

2•16 How much of the R&D paid for by the U.S. federal government reported in Question 2•15 was paid for by the following agencies?

- a. Department of Defense
- b. Department of Energy
- c. National Aeronautics and Space Administration
- d. National Institutes of Health
- e. All other
- h. **Total** (equals Question 2•15)

| \$Bil. | Mil. | Thou. |
|--------|------|-------|
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

2•17 Subtract 2•15 from 2•9 and enter the result here.
This is the domestic R&D performed by your company that was paid for by nonfederal sources.

| \$Bil. | Mil. | Thou. |
|--------|------|-------|
| | | |

2•18

How much of the following three amounts was performed in each state (including D.C.):
 (1) Domestic R&D paid for by the U.S. federal government reported in Question 2•15
 (2) Domestic R&D paid for by nonfederal sources reported in Question 2•17
 (3) **Total** domestic R&D performed by your company that was paid for by others reported in Question 2•9

| | (1) Federal | | | (2) Nonfederal | | | (3) Total | | |
|-------------------|----------------|------|-------|-------------------|------|-------|--------------|------|-------|
| | \$Bil. | Mil. | Thou. | \$Bil. | Mil. | Thou. | \$Bil. | Mil. | Thou. |
| Alabama | | | | | | | | | |
| Alaska | | | | | | | | | |
| Arizona | | | | | | | | | |
| Arkansas | | | | | | | | | |
| California | | | | | | | | | |
| Colorado | | | | | | | | | |
| Connecticut | | | | | | | | | |
| Delaware | | | | | | | | | |

Question continues on next page

2•18 (Continued)

| | (1) Federal | | | (2) Nonfederal | | | (3) Total | | |
|----------------------|------------------------|------|-------|---------------------------|------|-------|----------------------|------|-------|
| | \$Bil. | Mil. | Thou. | \$Bil. | Mil. | Thou. | \$Bil. | Mil. | Thou. |
| District of Columbia | | | | | | | | | |
| Florida | | | | | | | | | |
| Georgia | | | | | | | | | |
| Hawaii | | | | | | | | | |
| Idaho | | | | | | | | | |
| Illinois | | | | | | | | | |
| Indiana | | | | | | | | | |
| Iowa | | | | | | | | | |
| Kansas | | | | | | | | | |
| Kentucky | | | | | | | | | |
| Louisiana | | | | | | | | | |
| Maine | | | | | | | | | |
| Maryland | | | | | | | | | |
| Massachusetts | | | | | | | | | |
| Michigan | | | | | | | | | |
| Minnesota | | | | | | | | | |
| Mississippi | | | | | | | | | |
| Missouri | | | | | | | | | |
| Montana | | | | | | | | | |
| Nebraska | | | | | | | | | |
| Nevada | | | | | | | | | |
| New Hampshire ... | | | | | | | | | |
| New Jersey | | | | | | | | | |
| New Mexico | | | | | | | | | |

Question continues on next page

2•18 (Continued)

| | (1) Federal | | | (2) Nonfederal | | | (3) Total | | |
|----------------------|----------------|------|-------|-------------------|------|-------|--------------|------|-------|
| | \$Bil. | Mil. | Thou. | \$Bil. | Mil. | Thou. | \$Bil. | Mil. | Thou. |
| New York | | | | | | | | | |
| North Carolina | | | | | | | | | |
| North Dakota | | | | | | | | | |
| Ohio | | | | | | | | | |
| Oklahoma | | | | | | | | | |
| Oregon | | | | | | | | | |
| Pennsylvania | | | | | | | | | |
| Rhode Island | | | | | | | | | |
| South Carolina | | | | | | | | | |
| South Dakota | | | | | | | | | |
| Tennessee | | | | | | | | | |
| Texas | | | | | | | | | |
| Utah | | | | | | | | | |
| Vermont | | | | | | | | | |
| Virginia | | | | | | | | | |
| Washington | | | | | | | | | |
| West Virginia | | | | | | | | | |
| Wisconsin | | | | | | | | | |
| Wyoming | | | | | | | | | |
| Total | | | | | | | | | |

Total equals Question 2•15

Total equals Question 2•17

Total equals Question 2•9

Projected R&D paid for by others in 2010

2-19

What are your company's projected 2010 costs for R&D that will be paid for by others?

NOTE: This question is the 2010 projection for what is reported in Question 2-2.

| \$Bil. | Mil. | Thou. |
|--------|------|-------|
| | | |

2-20

How much of the projected costs in 2010 for R&D that will be paid for by others reported in Question 2-19 will be performed by your company in the United States?

NOTE: This question is the 2010 projection for what is reported in Question 2-9.

| \$Bil. | Mil. | Thou. |
|--------|------|-------|
| | | |

2-21

How much of the projected costs in 2010 for domestic R&D performed by your company that will be paid for by others reported in Question 2-20 will be paid for by the U.S. federal government?

NOTE: This question is the 2010 projection for what is reported in Question 2-15.

| \$Bil. | Mil. | Thou. |
|--------|------|-------|
| | | |

Reporting Information

2-22

Is the information in this section reported on a calendar year basis?

Yes

No → Enter the time period covered below:

From (MM) (YYYY) To (MM) (YYYY)

| | | | |
|--|--|--|--|
| | | | |
|--|--|--|--|

2-23

Approximately how long did it take to complete this section?

| Hours |
|-------|
| |

2-24

Please list the names and titles of the persons who provided data for this section.

| Name | Title |
|------|-------|
| | |
| | |
| | |
| | |

Section 3

Management and Strategy of R&D

