

## OMB control number 0536-0071

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1. What is your job title or role?
$\qquad$ job title or role
2. Approximately what year did this business at this location begin operating?
$\qquad$
3. What is the main product or service at this business location?

4. Does this business have only one location or more than one location?
$\mathrm{O}_{1}$ Only one location $\rightarrow$ Skip to question 5
$\mathrm{O}_{2}$ More than one location

4a. (If more than one location) Is this location this business's headquarters or is it a branch location?
$\mathrm{O}_{1}$ Headquarters
$\mathrm{O}_{2}$ Branch location
5. How important is each of these factors for locating this business in this community? (Check the appropriate level of importance for each factor.)

| Factor | important | important | important | applicable | know |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| Owner-ties to area | $\boldsymbol{\nabla}$ | $\boldsymbol{\nabla}$ | $\boldsymbol{O}_{1}$ | $\mathrm{O}_{2}$ | $\mathrm{O}_{3}$ | $\mathrm{O}_{4}$ |
| Availability of low-cost labor | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ | $\mathrm{O}_{3}$ | $\mathrm{O}_{4}$ | $\mathrm{O}_{5}$ |  |
| Available skilled labor pool | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ | $\mathrm{O}_{3}$ | $\mathrm{O}_{4}$ | $\mathrm{O}_{5}$ |  |
| Access to transportation | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ | $\mathrm{O}_{3}$ | $\mathrm{O}_{4}$ | $\mathrm{O}_{5}$ |  |
| Access to broadband or high speed internet | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ | $\mathrm{O}_{3}$ | $\mathrm{O}_{4}$ | $\mathrm{O}_{5}$ |  |
| Access to material inputs | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ | $\mathrm{O}_{3}$ | $\mathrm{O}_{4}$ | $\mathrm{O}_{5}$ |  |
| Access to customers | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ | $\mathrm{O}_{3}$ | $\mathrm{O}_{4}$ | $\mathrm{O}_{5}$ |  |
| Government incentives | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ | $\mathrm{O}_{3}$ | $\mathrm{O}_{4}$ | $\mathrm{O}_{5}$ |  |
| Low taxes | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ | $\mathrm{O}_{3}$ | $\mathrm{O}_{4}$ | $\mathrm{O}_{5}$ |  |
| Strong or growing local economy | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ | $\mathrm{O}_{3}$ | $\mathrm{O}_{4}$ | $\mathrm{O}_{5}$ |  |

5a. How important is each of these factors for making this community an attractive place to work? (Check the appropriate level of importance for each factor.)

| Factor |  | Somewhat important <br> $\nabla$ | $\begin{gathered} \text { Very } \\ \text { important } \\ \nabla \end{gathered}$ | $\begin{gathered} \text { Not } \\ \text { applicable } \\ \nabla \end{gathered}$ | $\begin{aligned} & \text { Don't } \\ & \text { know } \\ & \boldsymbol{\nabla} \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Opportunities for outdoor recreation | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ | $\mathrm{O}_{3}$ | $\mathrm{O}_{4}$ | $\mathrm{O}_{5}$ |
| Scenic beauty (e.g., natural or architectural) | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ | $\mathrm{O}_{3}$ | $\mathrm{O}_{4}$ | O5 |
| Climate | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ | $\mathrm{O}_{3}$ | $\mathrm{O}_{4}$ | $\mathrm{O}_{5}$ |
| Access to arts and entertainment | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ | $\mathrm{O}_{3}$ | $\mathrm{O}_{4}$ | $\mathrm{O}_{5}$ |
| Quality of local schools | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ | $\mathrm{O}_{3}$ | $\mathrm{O}_{4}$ | $\mathrm{O}_{5}$ |
| Access to health care | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ | $\mathrm{O}_{3}$ | $\mathrm{O}_{4}$ | $\mathrm{O}_{5}$ |

6. In 2013, at this location, what was the average number of workers who were in each category? (Please include all workers in these two categories.)

| Worker category | Number of <br> workers |
| :--- | :--- |
| Full-time and part-time employees on your payroll | - |
| Independent contractors or temporary workers NOT ON YOUR PAYROLL | - |

If 5 or more workers in total, continue with question 7. If less than 5 workers in total, skip to question 52 on page 16.
7. In the past $\mathbf{1 2}$ months, did this business...

Offer a health insurance option for any workers

| Yes | No |
| :---: | :---: |
| $\boldsymbol{\nabla}$ | $\boldsymbol{\nabla}$ |
| $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ |
| $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ |
| $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ |
| $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ |
| $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ |
| $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ |

8a. How many workers are managers at this location? (Managers are workers who direct or oversee operations.)
$\qquad$ number of managers

8b. How many workers are professionals? (Professionals are workers such as engineers or accountants.)
$\qquad$ number of professionals
9. In 2013, what is your best estimate of the average hourly wage for non-salaried workers at this location?

Check here if you do not have any non-salaried workers.
$\qquad$
10. In 2013, at this location, what percent of workers were in the following occupational categories? (Please include all workers in these categories. Total percent should equal 100\%.)

| Occupational category | Percent of workers $\square$ | OR | Number of workers $\nabla$ |
| :---: | :---: | :---: | :---: |
| Management and professional | \% |  |  |
| Services | \% |  |  |
| Sales and office support | \% |  |  |
| Natural resources, construction, and maintenance | \% |  |  |
| Production, transportation, and material moving | \% |  |  |

10a. For each occupational category, what was the minimum educational level needed in 2013?
(Check the appropriate level of education for each occupational category.)

| Occupational category | Less than high school or no specific education | At least HS diploma or GED | At least Assoc degree/ vocational certification | At least four-year college degree | More than four-year college degree |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Management and professional | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ | $\mathrm{O}_{3}$ | $\mathrm{O}_{4}$ | $\mathrm{O}_{5}$ |
| Services | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ | $\mathrm{O}_{3}$ | $\mathrm{O}_{4}$ | $\mathrm{O}_{5}$ |
| Sales and office support | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ | $\mathrm{O}_{3}$ | $\mathrm{O}_{4}$ | O5 |
| Natural resources, construction, maintenance | O | $\mathrm{O}_{2}$ | $\mathrm{O}_{3}$ | $\mathrm{O}_{4}$ | O5 |
| Production, transportation, and material moving | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ | $\mathrm{O}_{3}$ | $\mathrm{O}_{4}$ | O5 |

11. Is any part of the workforce unionized or covered by a collective bargaining agreement?
$\mathrm{O}_{1}$ Yes
$\mathrm{O}_{2} \mathrm{No}$
12. In the past 3 years, how difficult has it been to find qualified applicants for your workforce, not including managers and professionals?
$\mathrm{O}_{1}$ Very difficult
$\mathrm{O}_{2}$ Somewhat difficult
$\mathrm{O}_{3}$ Not difficult $\boldsymbol{\rightarrow}$ Skip to question 13 on the next page

12a. (If very or somewhat difficult) Why has it been difficult to find qualified applicants for your workforce?

|  | No |  |
| :--- | :--- | :--- |
|  | Yes | $\boldsymbol{\nabla}$ |
| Quality of the labor pool | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ |
| Increases in required skills and knowledge | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ |
| Insufficient number of workers available locally | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ |
| Limited interest among job seekers for openings at this business | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ |

13. Does this business have written position descriptions?
$\mathrm{O}_{1}$ Yes
$\mathrm{O}_{2} \mathrm{No} \rightarrow$ Skip to question 14a

## 13a. Are training requirements documented in those position descriptions?

$\mathrm{O}_{1}$ Yes
$\mathrm{O}_{2}$ No $\rightarrow$ Skip to question 14a
13b. Does this business track whether workers complete or if they have already completed these training requirements?
$\mathrm{O}_{1}$ Yes
$\mathrm{O}_{2} \mathrm{No}$
14a. Does this business currently use personal computers or laptops, not including smart phones?
$\mathrm{O}_{1}$ Yes
$\mathrm{O}_{2} \mathrm{No} \rightarrow$ Skip to question 17 on the next page
14b. Are the following technologies currently used at this business?

|  | Yes | No |
| :--- | :--- | :--- |
| Broadband or high speed internet | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ |
| Sale of products or services over the Internet (e-commerce) | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ |
| Supplies purchased over the Internet (e-procurement) | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ |
| Web advertising | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ |
| Direct e-mail marketing | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ |
| Social media (e.g., Linkedln or Facebook) | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ |
| Business issued smartphones to workers | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ |
| RFID readers, barcode, or optical scanners (e.g., Radio Frequency Identification) | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ |
| Computer software specifically designed for your business or industry | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ |
| An integrated enterprise resource planning system (e.g., StP or Microsoft |  |  |
| $\quad$Dynamics, or Oracle epplications that incluce accounting, logistics, <br> human resources, sales management, along with other functions) | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ |
| Stand-alone supply chain or logistics management software | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ |
| Stand-alone customer relationship management software | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ |

## 15. What percent of the sale of products or services comes over the Internet?

Check here if you do not sell any products or services over the Internet.
$\qquad$ percent of sales over the Internet
16. What percent of your workforce, not including managers and professionals, uses computers on a daily basis?

17. Have the following factors limited this business's use of information and communications technology?

|  | Yes | No |
| :--- | :--- | :--- |
| The cost of equipment and software | $\boldsymbol{v}$ | $\boldsymbol{O}_{1}$ |
| The cost of information and communications services | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ |
| Lack of access to adequate broadband or high speed internet | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ |
| Lack of knowledge | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ |
| Difficulty integrating new technologies into the current way you do business | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ |

18. Businesses obtain information about new opportunities or new ways of doing things from many sources. Which sources have been most valuable for this firm?

| Sources of new information | Not at all <br> valuable | Somewhat <br> valuable | very <br> valuable |
| :--- | :---: | :---: | :---: |
| Suppliers | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ | $\mathrm{O}_{3}$ |
| Customers | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ | $\mathrm{O}_{3}$ |
| Other business people in your industry | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ | $\mathrm{O}_{3}$ |
| Other business people NOT in your industry | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ | $\mathrm{O}_{3}$ |
| Business or trade association conferences or publications | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ | $\mathrm{O}_{3}$ |
| Your own workers | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ | $\mathrm{O}_{3}$ |
| Media (e.g., newspapers, television, Internet) | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ | $\mathrm{O}_{3}$ |
| Private consultants | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ | $\mathrm{O}_{3}$ |
| University extension, community colleges, or business schools | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ | $\mathrm{O}_{3}$ |

19. Of the sources identified as very valuable, where are they located?

|  | In <br> your community | Outside community within a reasonable drive | Beyond a reasonable drive | Not Applicable |
| :---: | :---: | :---: | :---: | :---: |
| Suppliers providing valuable information | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ | $\mathrm{O}_{3}$ | $\mathrm{O}_{4}$ |
| Customers providing valuable information | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ | $\mathrm{O}_{3}$ | $\mathrm{O}_{4}$ |
| Other business people in your industry providing valuable information | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ | $\mathrm{O}_{3}$ | $\mathrm{O}_{4}$ |
| Other business people NOT in your industry providing valuable information | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ | $\mathrm{O}_{3}$ | $\mathrm{O}_{4}$ |

20. Approximately what percent of 2013 final shipments or billed services went to customers... (Total should equal 100\%.)

Check here if you did not have any sales in 2013.
Locally, within a reasonable drive
Beyond a reasonable drive in the United States
Internationally
$=\left[\begin{array}{l}=100 \%\end{array}\right.$
21. Was this location in business in 2007?
$\mathrm{O}_{1} \mathrm{Yes}$
$\mathrm{O}_{2} \mathrm{No} \rightarrow$ Skip to question 22
21a. What is your best guess of the percent of 2007 final shipments or billed services that went to customers... (Total should equal 100\%.)
$\square$ Check here if you did not have any sales in 2007.

22. In 2013, what percent of goods and services sold by this business were sold to... (Total should equal 100\%.)

Check here if you did not have any sales in 2013.
Other businesses
Government
Individuals
23. Is the current market for your products or services...
$\mathrm{O}_{1}$ Growing
$\mathrm{O}_{2}$ Stable
$\mathrm{O}_{3}$ Declining
$\mathrm{O}_{4}$ Mixed (e.g., some are declining, others growing)
$\mathrm{O}_{5}$ Uncertain
24. Does this business require workers to document good work practices and lessons learned?
$\mathrm{O}_{1} \mathrm{Yes}$
$\mathrm{O}_{2} \mathrm{No}$
25. How often does this business monitor customer satisfaction through analysis of complaints, customer satisfaction surveys, focus groups, or other methods?
$\mathrm{O}_{1}$ Never
$\mathrm{O}_{2}$ Occasionally
$\mathrm{O}_{3}$ Regularly
26. How often are processes changed to fix problems identified through customer complaints?
$\mathrm{O}_{1}$ Never
$\mathrm{O}_{2}$ Occasionally
$\mathrm{O}_{3}$ Regularly
27. In the past 3 years, did this business...

|  | Yes | $\stackrel{\text { No }}{\sim}$ |  |
| :---: | :---: | :---: | :---: |
| Produce any new or significantly improved goods | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ | $\mathrm{O}_{3}$ |
| Provide any new or significantly improved services | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ | $\mathrm{O}_{3}$ |
| Introduce new or significantly improved methods of manufacturing or producing goods or services | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ | $\mathrm{O}_{3}$ |
| Introduce new or significantly improved logistics, delivery, or distribution methods for your inputs, goods, or services | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ | $\mathrm{O}_{3}$ |
| Introduce new or significantly improved support activities for your processes | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ | $\mathrm{O}_{3}$ |
| Introduce new or significant improvements in your marketing methods | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ | $\mathrm{O}_{3}$ |

28. In the past 3 years, did this business have any improvement or innovation activities that were...

|  | Yes | No |
| :--- | :---: | :---: |
|  | $\mathbf{v}$ | $\mathbf{\nabla}$ |
| Abandoned | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ |
| Incomplete | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ |

29. Did you check "Yes" to any answers in question $\mathbf{2 7}$ or question 28?
$\mathrm{O}_{1}$ Yes $\rightarrow$ Skip to question $\mathbf{3 0}$ on the next page
$\mathrm{O}_{2} \mathrm{No}$

29a. Please tell us why improvement or innovation activities have not been necessary or possible.

If you answered 'yes' to question 29, continue to question 30 on the next page.
If you answered 'no' to question 29 and answered 29a, skip to question 35 on page 11.
30. In 2013, did this business sell any new or significantly improved goods or services with the following improvements?

|  | Yes | No |
| :--- | :--- | :--- |
| Improved performance | $\boldsymbol{\nabla}$ | $\boldsymbol{\nabla}$ |$|$

31. In the past 3 years, did this business start selling any new or significantly improved goods or services before your competitors in at least one of your markets? (Include a product even if it was available in another market.)
$\mathrm{O}_{1}$ Yes
$\mathrm{O}_{2} \mathrm{No}$
$\mathrm{O}_{3}$ Uncertain
32. In 2013, what percent of this business's sales came from new or significantly improved goods or services? [lf none, enter 0 (zero).]
$\qquad$
33. In the past $\mathbf{3}$ years, did this business engage in any of the following innovation-related activities?

|  | $\stackrel{\text { Yes }}{\boldsymbol{\nabla}}$ | $\stackrel{\text { No }}{\nabla}$ |
| :---: | :---: | :---: |
| In-house research and development (R\&D) to increase knowledge or devise innovations | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ |
| Purchase research and development (R\&D) from research organizations or other branches of this business | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ |
| Conduct in-house design activities to improve aesthetics of product or packaging | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ |
| Purchase design services | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ |
| Purchase machinery, equipment, computers, or software to implement innovations | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ |
| Purchase or license patents or inventions to implement innovations | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ |
| Purchase knowledge or expertise to implement innovations | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ |
| Plan, engineer, design, or conduct other development work to implement innovations | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ |
| Train staff to develop or introduce innovations | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ |
| Market research, advertising, or other marketing activities linked to implementing innovations | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ |

34. In the current environment, if excess cash were available, how likely is it that these funds would be used to...

|  | Not at all <br> likely | Most <br> Probably <br> definitely <br> $\boldsymbol{\nabla}$ |  |
| :--- | :---: | :---: | :---: |
| Provide additional training of workers | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ | $\mathrm{O}_{3}$ |
| Repay debt | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ | $\mathrm{O}_{3}$ |
| Provide a reserve or cushion <br> Fund additional innovation projects <br> Fund additional investment projects, <br> such as replacing old equipment or for expansion | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ | $\mathrm{O}_{3}$ |
|  | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ | $\mathrm{O}_{3}$ |
|  | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ | $\mathrm{O}_{3}$ |

35. Does this business produce products or provide services in any of the five green sectors?

|  | Yes | No |
| :--- | :--- | :--- |
| Produce renewable energy | $\boldsymbol{\nabla}$ | $\boldsymbol{\nabla}$ |

36. In the past $\mathbf{3}$ years, did this business participate in any patent applications?
$\mathrm{O}_{1} \mathrm{Yes}$
$\mathrm{O}_{2}$ No $\rightarrow$ Skip to question 37
$\mathrm{O}_{3}$ Don't know $\rightarrow$ Skip to question 37

36a. In the past 3 years, how many patent applications did this business participate in?
$\qquad$
36b. In the past 3 years, how many patents were awarded?
$\qquad$ number of patents awarded
37. In the past 3 years, did this business...

|  | Yes | No |
| :--- | :---: | :---: |
| Register an industrial design | $\boldsymbol{\nabla}$ | $\boldsymbol{\nabla}$ |$|$| Register a trademark | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ |
| :---: | :---: | :---: |
| Produce materials eligible for copyright <br> Use trade secret protections (e.g., non-disclosure agreements, <br> non-compete clauses, or sought remedies for misappropriation) | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ |

38. During the economic recession period (2008-2009), to what extent did this business commit resources to innovate?
$\mathrm{O}_{1}$ Increased resources for innovation activities
$\mathrm{O}_{2}$ There was no change in innovation resources
$\mathrm{O}_{3}$ Delayed or decreased resources for innovation
$\mathrm{O}_{4}$ Not applicable, e.g., not in business at that time
39. Compared to 2013, in this current year (2014) would you say resources for innovation at this business have been...
$\mathrm{O}_{1}$ Increased
$\mathrm{O}_{2}$ Kept the same
$\mathrm{O}_{3}$ Decreased
40. In the past 3 years, has this business...

| Increased the variety of goods or services offered | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ |
| :--- | :--- | :--- |
| Increased market share or entered new markets | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ |
| Begun exporting goods or services | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ |
| Reduced time to respond to customer needs | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ |
| Improved flexibility of production or service provision | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ |
| Increased capacity of production or service provision | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ |
| Reduced labor costs per unit output | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ |
| Reduced materials and energy required per unit output | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ |
| Improved worker satisfaction or reduced worker turnover | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ |

41. The following is a list of factors related to this business's location. For each one, please tell us how much of a problem it is for this business's ability to compete.

|  | Not a <br> problem <br> Factor | A minor <br> problem | A major <br> problem |
| :--- | :---: | :---: | :---: |
| Zoning or development regulations | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ | $\mathrm{O}_{3}$ |
| Vitality of the local ceonomy | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ | $\mathrm{O}_{3}$ |
| Access to financial, legal, and other business services | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ | $\mathrm{O}_{3}$ |
| Access to equipment and software suppliers | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ | $\mathrm{O}_{3}$ |
| Access to training courses | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ | $\mathrm{O}_{3}$ |
| Access to transportation or freight forwarding |  |  | $\mathrm{O}_{3}$ |
| $\quad$ facilities and services | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ | $\mathrm{O}_{3}$ |
| Availability of broadband or high speed internet | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ | $\mathrm{O}_{3}$ |
| Local availability of mobile or cellular service | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ | $\mathrm{O}_{3}$ |
| Local raads and bridges | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ | $\mathrm{O}_{3}$ |
| Cost of facilities and land | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ | $\mathrm{O}_{3}$ |
| Attractiveness of the area to managers and professionals | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ | $\mathrm{O}_{3}$ |
| Quality of primary and secondary schools | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ | $\mathrm{O}_{3}$ |
| Environmental regulations | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ | $\mathrm{O}_{3}$ |
| State and local tax rates | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ | $\mathrm{O}_{3}$ |

42. How involved in promoting business are the following institutions in your community?

| Not at all |  |  |
| :---: | :---: | :---: |
| active or | Somewhat |  |
| Not present | active | Very <br> active |
| $\boldsymbol{\nabla}$ | $\boldsymbol{\nabla}$ | $\boldsymbol{\nabla}$ |$|$| Don't |
| :---: |
| know |
| $\boldsymbol{\nabla}$ |

Local government development effort

1. Village, town, or city
$\mathrm{O}_{1}$

| $\mathrm{O}_{2}$ | $\mathrm{O}_{3}$ | $\mathrm{O}_{4}$ |
| :--- | :--- | :--- |
| $\mathrm{O}_{2}$ | $\mathrm{O}_{3}$ | $\mathrm{O}_{4}$ |
| $\mathrm{O}_{2}$ | $\mathrm{O}_{3}$ | $\mathrm{O}_{4}$ |
| $\mathrm{O}_{2}$ | $\mathrm{O}_{3}$ | $\mathrm{O}_{4}$ |

2. County
3. Regional or multi-county

Business association (e.g., Chamber of Commerce)
$\mathrm{O}_{1}$
$\mathrm{O}_{1}$
$\mathrm{O}_{1}$
$\mathrm{O}_{2}$
$\mathrm{O}_{3}$
College, university, or extension support for local
business
Community foundations or nonprofit organizations
Local investors
Banks
$\mathrm{O}_{1}$
$\mathrm{O}_{1}$
$\mathrm{O}_{1}$
$\mathrm{O}_{1}$
$\mathrm{O}_{2}$ $\mathrm{O}_{3} \quad \mathrm{O}_{4}$ $\begin{array}{lll}\mathrm{O}_{2} & \mathrm{O}_{3} & \mathrm{O}_{4} \\ \mathrm{O}_{2} & \mathrm{O}_{3} & \mathrm{O}_{4}\end{array}$
$\mathrm{O}_{2}$
$\mathrm{O}_{3}$

42a. How much civic leadership does THIS business provide in your community?
$\mathrm{O}_{1}$
None
$\mathrm{O}_{2}$ Some
$\mathrm{O}_{3} \mathrm{~A}$ lot
43. Do you have a good understanding of the decisions that led to the founding of this business?
$\mathrm{O}_{1} \mathrm{Yes}$
$\mathrm{O}_{2}$ No $\rightarrow$ Skip to question 44 on the next page

43a. (If Yes) Was this business originally founded around a new or customized product or service that was created by one of the founders of this business?
$\mathrm{O}_{1}$ Yes
$\mathrm{O}_{2}$ No $\rightarrow$ Skip to question 44 on the next page
$\mathrm{O}_{3}$ Don't know $\rightarrow$ Skip to question 44 on the next page

43b. (If Yes) Thinking about this new or customized product or service, why was it originally developed?
$\mathrm{O}_{1}$ One of the founders created it for personal use
$\mathrm{O}_{2}$ One of the founders created it for use at a previous job or business
$\mathrm{O}_{3}$ One of the founders identified a business opportunity
44. The final section of the survey is to assess which types of government or government-sponsored programs are the most helpful to businesses. If used, please rate how important each program has been for this business in the past 3 years.

|  | Used? |  | If Used, how important was this program? |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Program |  | $\stackrel{\text { No }}{ }$ | Not important | Somewha important | Very important |
| Direct loans from a government agency (e.g., USDA B\&I Direct Loan) | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ | $\mathrm{O}_{3}$ |
| Government insurance or guarantee for loans (e.g., SBA 7(a) Loan Program) | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ | $\mathrm{O}_{3}$ |
| Revolving loan funds run by a nonprofit or government organization | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ | $\mathrm{O}_{3}$ |
| Tax incentives by state or local government, including enterprise zones, urban revitalization areas, Tax Increment Financing districts | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ | $\mathrm{O}_{3}$ |
| Government-assisted industrial parks or business incubators | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ | $\mathrm{O}_{3}$ |
| Government-funded technology assistance programs | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ | $\mathrm{O}_{3}$ |
| Government-assisted worker-training programs | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ | $\mathrm{O}_{3}$ |
| National Innovation Marketplace | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ | $\mathrm{O}_{3}$ |

45. Did this business try to borrow money for any purpose in the past 3 years?
$\mathrm{O}_{1}$ Yes
$\mathrm{O}_{2} \mathrm{No} \rightarrow$ Skip to question 47 on the next page
$\mathrm{O}_{3}$ Don't know $\rightarrow$ Skip to question 47 on the next page
45a. Please indicate the sources you tried to borrow from in the past 3 years. If you did try to borrow money from a source, how much of the funding did you receive?

|  | Tried to borrow money? |  | If Yes, amount received? |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | All | Some | None |
| Commercial bank | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ | $\mathrm{O}_{3}$ |
| Savings \& Loan or credit union | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ | $\mathrm{O}_{3}$ |
| Finance or leasing company | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ | $\mathrm{O}_{3}$ |
| Insurance or mortgage company | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ | $\mathrm{O}_{3}$ |
| Family or friends | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ | $\mathrm{O}_{3}$ |
| Federal, state, or local government | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ | $\mathrm{O}_{3}$ |
| Credit or advance from a customer | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ | $\mathrm{O}_{3}$ |
| Angel capital funding | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ | $\mathrm{O}_{3}$ |
| Venture capital funding | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ | $\mathrm{O}_{3}$ |
| Personal sources of funds (other than credit cards) | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ | $\mathrm{O}_{3}$ |
| Personal home equity loan | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ | $\mathrm{O}_{3}$ |
| Other personal loan | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ | $\mathrm{O}_{3}$ |
| Personal credit card | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ |  |  |  |

46. How were the funds that this business borrowed or wanted to borrow to be used?

|  | Yes | No |
| :--- | :--- | :--- |
| Cash flow or operating costs | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ |
| Real estate or structures | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ |
| Replacement of old industrial plant location, equipment, or vehicles | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ |
| Investment in additional plant, equipment, or vehicles | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ |
| Repayment of debt | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ |
| Reserve or cushion | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ |
| Inventory | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ |
| Fund innovation projects | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ |
| Investment in intangible assets, such as branding, training, or design | $\mathrm{O}_{1}$ | $\mathrm{O}_{2}$ |

47. In the past 3 years, were business profits (retained earnings) used to finance this business?
$\mathrm{O}_{1}$ Yes
$\mathrm{O}_{2} \mathrm{No} \rightarrow$ Skip to question 48

47a. Compared with borrowed funds, how important were business profits for funding investment?
$\mathrm{O}_{1}$ More important
$\mathrm{O}_{2}$ Less important
$\mathrm{O}_{3}$ Equally important
$\mathrm{O}_{4}$ Not applicable
$\mathrm{O}_{5}$ Don't know
48. Which of the following best describes your current position?
$\mathrm{O}_{1}$ Mid level manager
$\mathrm{O}_{2}$ Senior manager
$\mathrm{O}_{3}$ Executive or owner
$\mathrm{O}_{4}$ Other, please describe: $\qquad$
49. Which statement best describes your familiarity with how innovation is carried out in this business?
$\mathrm{O}_{1}$ Not familiar
$\mathrm{O}_{2}$ Slightly familiar
$\mathrm{O}_{3}$ Moderately familiar
$\mathrm{O}_{4}$ Strongly familiar
$\mathrm{O}_{5}$ Completely familiar
50. What is your gender?
$\mathrm{O}_{1}$ Male
$\mathrm{O}_{2}$ Female
51. How long have you worked at this business?
__ number of years worked
52. Could we contact you again in the future if we have questions or need additional information about your answers?
$\bigcirc$ Yes, by email $\rightarrow$ Email address
$\bigcirc$ Yes, by phone $\rightarrow$ Phone number
$\bigcirc$ Yes, by mail $\rightarrow$ Mailing address
$\qquad$

O No
53. If you have any additional comments about this survey or innovation in general, please write them in the box below.

Thank you!!
Please return your completed questionnaire in the envelope provided or to:

National Survey of Business Competitiveness Social \& Economic Sciences Research Center

Washington State University
PO Box 641801
Pullman, WA 99164-1801

