EGONOMIC OUT LOOK

2022 · FORECASTING OUR ECONOMIC FUTURE TOGETHER

SURVEY RESULTS



TITLE SPONSOR





ECONOMIC OUTLOOK

SURVEY RESULTS

January 14, 2022

Patrick T. Harker*

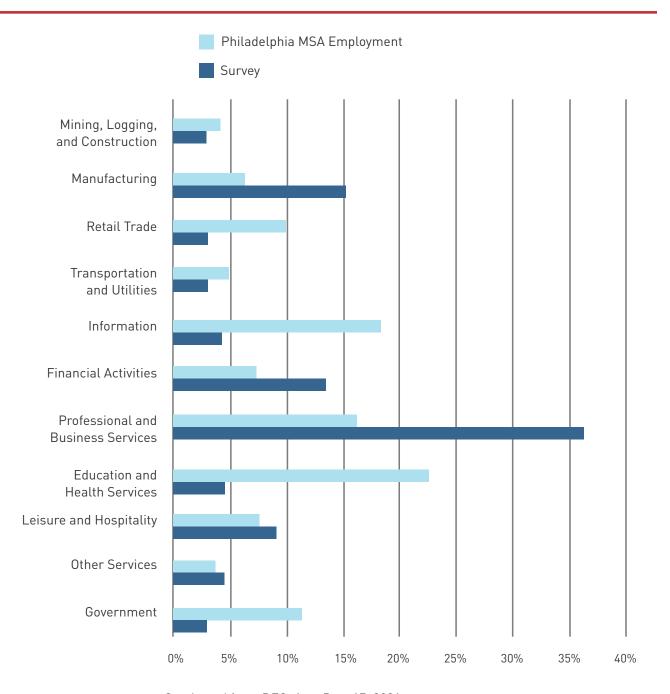


^{*} The views expressed today are my own and not necessarily those of the Federal Reserve Bank of Philadelphia or the Federal Reserve System.



ECONOMIC OUTLOOK SURVEY

RESPONDENT DISTRIBUTION



- Conducted from DEC. 1 to Dec. 17, 2021.
- Other Services is an official BLS designation for any industry in NAICS code 81.
- Philadelphia MSA Employment, source: BLS VIS Haver Analytics.
- Responses received from 66 members.



SURVEY METHODOLOGY

We asked Chamber members: What is your assessment of changes in business conditions?

Looking back on 2021 compared with 2020 and looking ahead to 2022 compared with 2021.

In the following areas:

- The Region
- Your Company
- New Orders
- Sales or Revenues
- Prices Paid
- Prices Received
- Number of Employees
- Wage and Benefits Costs
- Capital Expenditures
- COVID Impact

Respondents indicated their assessment by ranking change as Higher, Same, or Lower based on results comparing 2021 to 2020 and their projections comparing 2022 to 2021.

The following presents the findings from the survey administered Wednesday, December 1, 2021 – Friday, December 17, 2021.



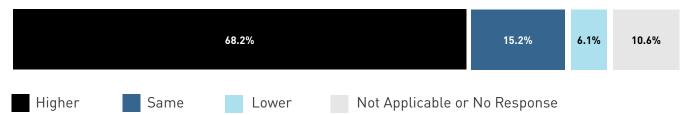
We asked Chamber members: What is your assessment of changes in business conditions?

FOR THE REGION

2021 compared to 2020



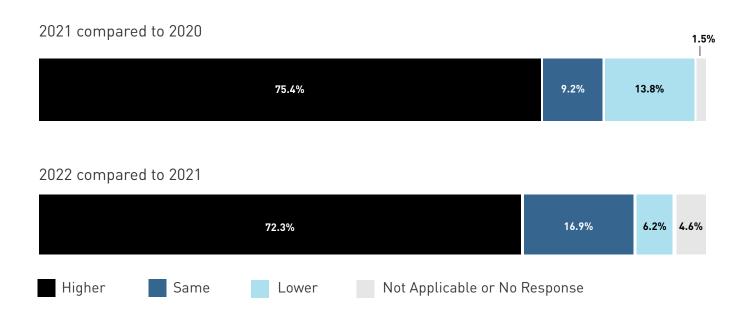
2022 compared to 2021





We asked Chamber members: What is your assessment of changes in business conditions?

FOR YOUR COMPANY





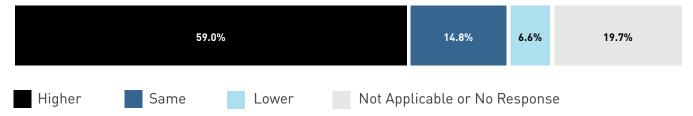
We asked Chamber members: What is your assessment of changes in business conditions?

NEW ORDERS

2021 compared to 2020



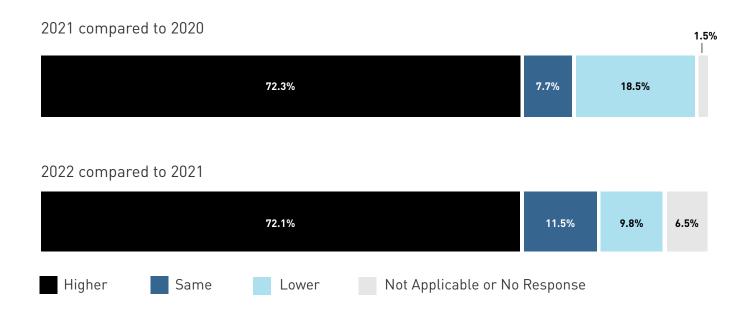
2022 compared to 2021





We asked Chamber members: What is your assessment of changes in business conditions?

SALES OR REVENUES

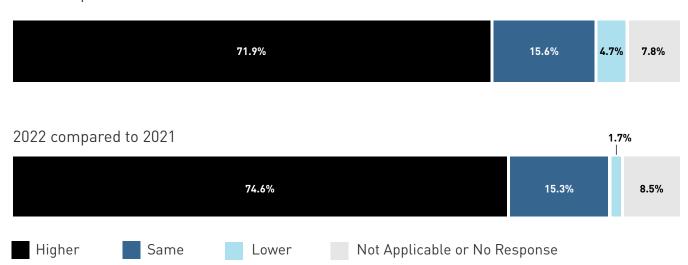




We asked Chamber members: What is your assessment of changes in business conditions?

PRICES PAID

2021 compared to 2020

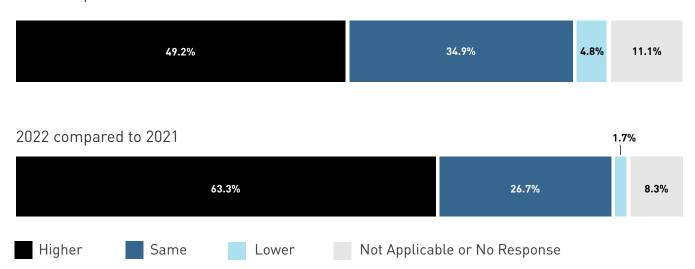




We asked Chamber members: What is your assessment of changes in business conditions?

PRICES RECEIVED

2021 compared to 2020

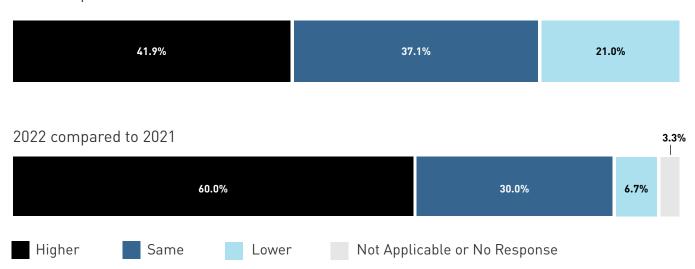




We asked Chamber members: What is your assessment of changes in business conditions?

NUMBER OF EMPLOYEES - FULL-TIME PERMANENT

2021 compared to 2020





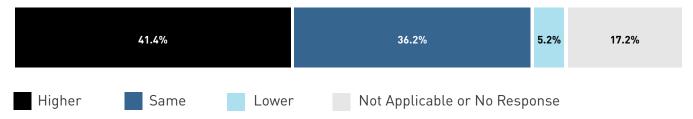
We asked Chamber members: What is your assessment of changes in business conditions?

NUMBER OF EMPLOYEES - PART-TIME, TEMPORARY, AND CONTRACT

2021 compared to 2020



2022 compared to 2021





We asked Chamber members: What is your assessment of changes in business conditions?

WAGES AND BENEFITS COST





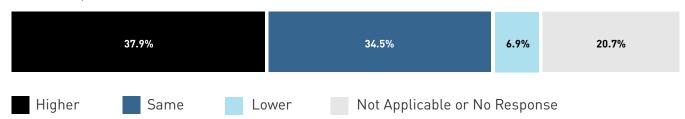
We asked Chamber members: What is your assessment of changes in business conditions?

CAPITAL EXPENDITURES - PHYSICAL PLANT

2021 compared to 2020



2022 compared to 2021





We asked Chamber members: What is your assessment of changes in business conditions?

CAPITAL EXPENDITURES - EQUIPMENT AND SOFTWARE

2021 compared to 2020



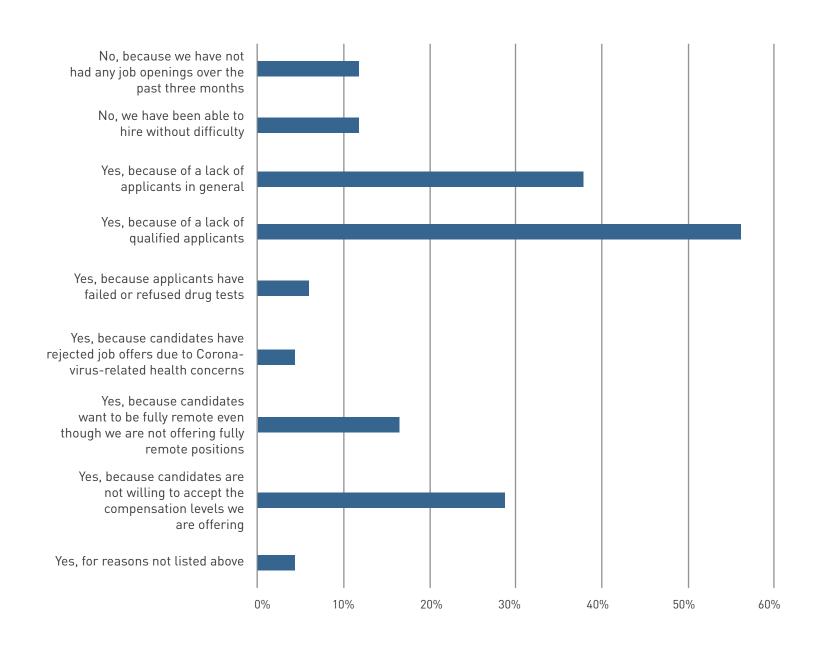
2022 compared to 2021





We asked Chamber members:

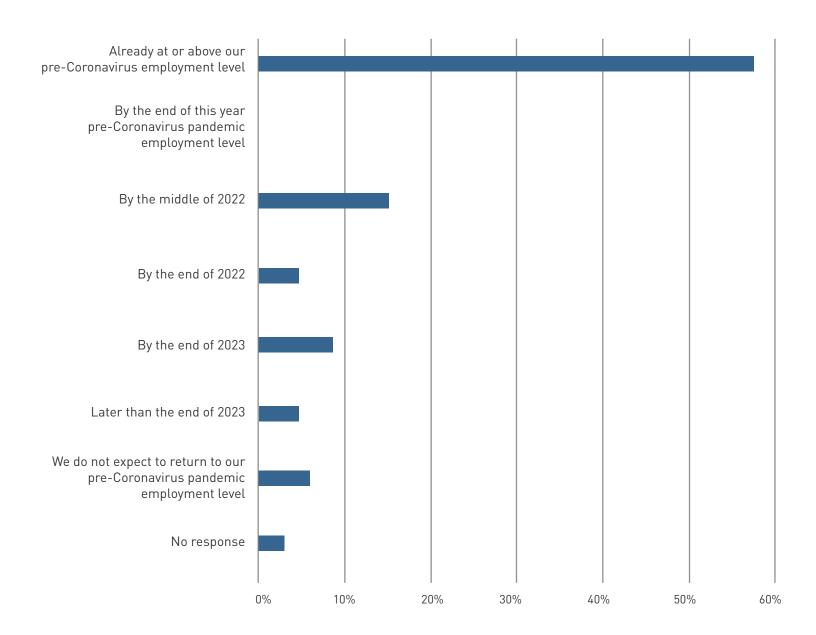
Thinking of positions your firm has filled or attempted to fill over the past three months, have you had difficulty hiring workers?





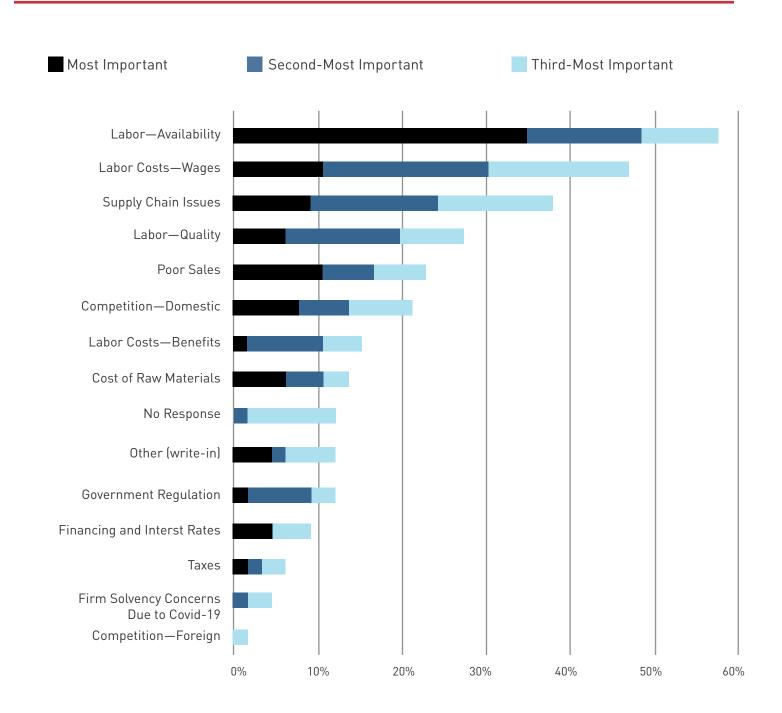
We asked Chamber members:

When do you expect you will reach your pre-Coronavirus pandemic employment level (pre-March 2020 employment level)?





BIGGEST PROBLEMS FACING CHAMBER MEMBERS FOR 2022?





TO PARTICIPATE IN OUR SURVEYS:

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APPENDIX

Survey Results

| | Significantly lower | Slightly lower | Same | Slightly higher | Significantly higher | Not Applicable | No response |
|--|------------------------|-------------------|-----------|--------------------|-------------------------|-------------------|----------------|
| A: WHAT IS THE ASSESSMENT OF CHANGES IN BU | JSINESS CONDITION | S? (GENERAL | ACTIVITY) | | | | |
| I. FOR THE REGION | | | | | | | |
| 2021 compared with 2020 | 7.6% | 10.6% | 12.1% | 43.9% | 21.2% | 0.0% | 4.5% |
| 2022 compared with 2021 | 1.5% | 4.5% | 15.2% | 56.1% | 12.1% | 3.0% | 7.6% |
| 2. FOR YOUR COMPANY | | | | | | | |
| 2021 compared with 2020 | 4.6% | 9.2% | 9.2% | 32.3% | 43.1% | 0.0% | 1.5% |
| 2022 compared with 2021 | 1.5% | 4.6% | 16.9% | 36.9% | 35.4% | 3.1% | 1.5% |
| B. SPECIFIC COMPANY PERFORMANCE MEASUR | ES | | | | | | |
| I. NEW ORDERS | | | | | | | |
| 2021 compared with 2020 | 3.1% | 7.8% | 15.6% | 28.1% | 28.1% | 15.6% | 1.6% |
| 2022 compared with 2021 | 0.0% | 6.6% | 14.8% | 31.1% | 27.9% | 14.8% | 4.9% |
| 2. SALES OR REVENUES | | | | | | | |
| 2021 compared with 2020 | 12.3% | 6.2% | 7.7% | 27.7% | 44.6% | 1.5% | 0.0% |
| 2022 compared with 2021 | 4.9% | 4.9% | 11.5% | 45.9% | 26.2% | 1.6% | 4.9% |
| 3. PRICES PAID | | | | | | | |
| 2021 compared with 2020 | 1.6% | 3.1% | 15.6% | 42.2% | 29.7% | 4.7% | 3.1% |
| 2022 compared with 2021 | 0.0% | 1.7% | 15.3% | 45.8% | 28.8% | 5.1% | 3.4% |
| 4. PRICES RECEIVED | | | • | | | | |
| 2021 compared with 2020 | 0.0% | 4.8% | 34.9% | 38.1% | 11.1% | 6.3% | 4.8% |
| 2022 compared with 2021 | 0.0% | 1.7% | 26.7% | 53.3% | 10.0% | 5.0% | 3.3% |
| 5. NUMBER OF EMPLOYEES — FULL-TIME PERMANENT | | | • | | | | |
| 2021 compared with 2020 | 6.5% | 14.5% | 37.1% | 24.2% | 17.7% | 0.0% | 0.0% |
| 2022 compared with 2021 | 0.0% | 6.7% | 30.0% | 45.0% | 15.0% | 0.0% | 3.3% |
| 6. NUMBER OF EMPLOYEES – PART-TIME, TEMPORARY, | AND CONTRACT | | • | | | | |
| 2021 compared with 2020 | 6.3% | 4.7% | 34.4% | 31.3% | 6.3% | 12.5% | 4.7% |
| 2022 compared with 2021 | 1.7% | 3.4% | 36.2% | 34.5% | 6.9% | 10.3% | 6.9% |
| 7. WAGE AND BENEFIT COSTS | • | | | | | | |
| 2021 compared with 2020 | 0.0% | 0.0% | 19.4% | 54.8% | 24.2% | 0.0% | 1.6% |
| 2022 compared with 2021 | 0.0% | 0.0% | 4.9% | 60.7% | 31.1% | 0.0% | 3.3% |
| 8. CAPITAL EXPENDITURES — PHYSICAL PLANT | | | • | | | | |
| 2021 compared with 2020 | 1.6% | 11.3% | 29.0% | 25.8% | 11.3% | 14.5% | 6.5% |
| 2022 compared with 2021 | 1.7% | 5.2% | 34.5% | 25.9% | 12.1% | 13.8% | 6.9% |





APPENDIX

Survey Results

| 9. CAPITAL EXPENDITURES — EQUIPMENT AND SOFTWARE | | | | | | | |
|--|------|------|-------|-------|-------|------|------|
| 2021 compared with 2020 | 4.6% | 1.5% | 33.8% | 40.0% | 13.8% | 3.1% | 3.1% |
| 2022 compared with 2021 | 1.6% | 4.8% | 32.3% | 41.9% | 11.3% | 3.2% | 4.8% |

| | Most Important Problem | Second-Most Important Problem | Third-Most Important Problem | | | |
|---|------------------------|----------------------------------|---------------------------------|--|--|--|
| C: WHAT ARE THE THREE MOST IMPORTANT PROBLEMS YOUR BUSINESS IS FACING AT THIS TIME? | | | | | | |
| Labor costs—wages | 10.6% | 19.7% | 16.7% | | | |
| Labor costs—benefits | 1.5% | 9.1% | 4.5% | | | |
| Labor—quality | 6.1% | 13.6% | 7.6% | | | |
| Labor—availability | 34.8% | 13.6% | 9.1% | | | |
| Financing and interest rates | 4.5% | 0.0% | 4.5% | | | |
| Cost of raw materials | 6.1% | 4.5% | 3.0% | | | |
| Supply chain issues | 9.1% | 15.2% | 13.6% | | | |
| Competition—foreign | 0.0% | 0.0% | 1.5% | | | |
| Competition—domestic | 7.6% | 6.1% | 7.6% | | | |
| Firm solvency concerns due to COVID-19 | 1.5% | 0.0% | 3.0% | | | |
| Poor sales | 10.6% | 6.1% | 6.1% | | | |
| Government regulation | 1.5% | 1.5% | 3.0% | | | |
| Taxes | 1.5% | 1.5% | 3.0% | | | |
| Other (write-in) | 4.5% | 1.5% | 10.6% | | | |
| No response | 0.0% | 1.5% | 10.6% | | | |



APPENDIXSurvey Results

| D: THINKING OF POSITIONS YOUR FIRM HAS FILLED OR ATTEMPTED TO FILL OVER THE PAST THREE MONTHS, HAVE YOU HAD DIFFICULTY HIRING WORKERS? | | | | |
|--|-------|--|--|--|
| No, because we have not had any job openings over the past three months. | 12.1% | | | |
| No, we have been able to hire without difficulty. | 12.1% | | | |
| Yes, because of a lack of applicants in general. | 37.9% | | | |
| Yes, because of a lack of qualified applicants. | 56.1% | | | |
| Yes, because applicants have failed or refused drug tests. | 6.1% | | | |
| Yes, because candidates have rejected job offers due to Coronavirus-related health concerns. | 4.5% | | | |
| Yes, because candidates want to be fully remote even though we are not offering fully remote positions. | 16.7% | | | |
| Yes, because candidates are not willing to accept the compensation levels we are offering. | 28.8% | | | |
| Yes, for reasons not listed above. | 4.5% | | | |

| E: WHEN DO YOU EXPECT YOU WILL REACH YOUR PRE-CORONAVIRUS PANDEMIC EMPLOYMENT LEVEL (PRE-MARCH 2020 EMPLOYMENT LEVEL)? | | | | |
|--|-------|--|--|--|
| Already at or above our pre-Coronavirus employment level | 57.6% | | | |
| By the end of this year | 0.0% | | | |
| By the middle of 2022 | 15.2% | | | |
| By the end of 2022 | 4.5% | | | |
| By the end of 2023 | 9.1% | | | |
| Later than the end of 2023 | 4.5% | | | |
| We do not expect to return to our pre-Coronavirus pandemic employment level | 6.1% | | | |
| Yes, because candidates are not willing to accept the compensation levels we are offering. | 28.8% | | | |
| No response | 3.0% | | | |



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