

### Third Quarter 2019

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Director, Pepperdine Private Capital Markets Project

# PEPPERDINE GRAZIADIO BUSINESS SCHOOL

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### I. ABOUT THE PRIVATE CAPITAL ACCESS (PCA) INDEX

The Pepperdine Private Capital Access Index (PCA) is a quarterly indicator produced by Pepperdine Graziadio Business School with the support of Dun & Bradstreet. The index is designed to measure the demand for, activity, and health of the private capital markets. The purpose of the PCA Index is to gauge the demand of small and medium-sized businesses for financing needs, the level of accessibility of private capital, and the transparency and efficiency of private financing markets.



### ABOUT THE Q3 2019 PRIVATE CAPITAL ACCESS (PCA) INDEX SURVEY

- 40 questions
- Invited to participate
- Distributed to sample from Dun & Bradstreet's business database
- 752 completed responses
- Where relevant, responses are segmented by revenues sizes (<\$5 million; \$5 million to \$100 million)
- Responses collected from July 18 August 2, 2019

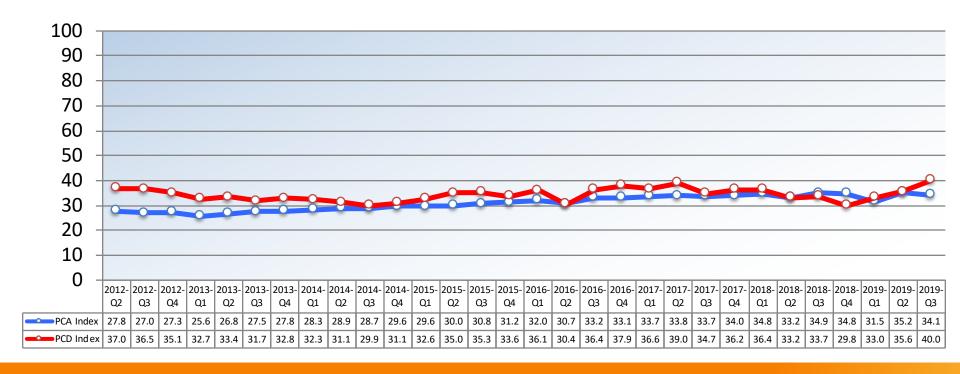


## PRIVATE CAPITAL ACCESS (PCA) AND PRIVATE CAPITAL DEMAND (PCD) INDEX RESULTS - WHOLE SAMPLE

Total Market	PCA Index	PCD Index	Total Market	PCA Index	PCD Index
2012-Q2	27.8	37.0	2016-Q2	30.7	30.4
2012-Q3	27.0	36.5	2016-Q3	33.2	36.4
2012-Q4	27.3	35.1	2016-Q4	33.1	37.9
2013-Q1	25.6	32.7	2017-Q1	33.7	36.6
2013-Q2	26.8	33.4	2017-Q2	33.8	39.0
2013-Q3	27.5	31.7	2017-Q3	33.7	34.7
2013-Q4	27.8	32.8	2017-Q4	34.0	36.2
2014-Q1	28.3	32.3	2018-Q1	34.8	36.4
2014-Q2	28.9	31.1	2018-Q2	33.2	33.2
2014-Q3	28.7	29.9	2018-Q3	34.9	33.7
2014-Q4	29.6	31.1	2018-Q4	34.8	29.8
2015-Q1	29.6	32.6	2019-Q1	31.5	33.0
2015-Q2	30.0	35.0	2019-Q2	35.2	35.6
2015-Q3	30.8	35.3	2019-Q3	34.1	40.0
2015-Q4	31.2	33.6	Change	-1.1	4.4
2016-Q1	32.0	36.1	Pct. Change	-3.0%	12.2%



### PRIVATE CAPITAL ACCESS (PCA) AND PRIVATE CAPITAL DEMAND (PCD) INDEX RESULTS – WHOLE SAMPLE



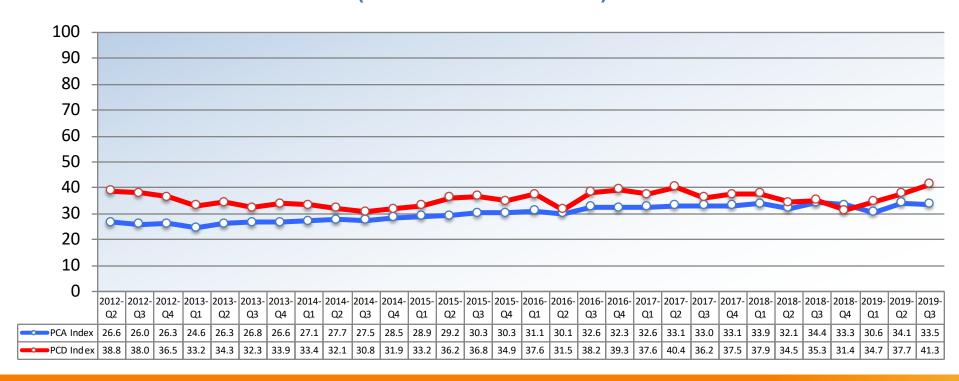


# SMALL BUSINESS PCA AND PCD INDEX RESULTS (< \$5M IN REVENUES)

Total Market	PCA Index	PCD Index	Total Market	PCA Index	PCD Index
2012-Q3	26.6	38.8	2016-Q2	30.1	31.5
2012-Q4	26.0	38.0	2016-Q3	32.6	38.2
2013-Q1	26.3	36.5	2016-Q4	32.3	39.3
2013-Q2	24.6	33.2	2017-Q1	32.6	37.6
2013-Q3	26.3	34.3	2017-Q2	33.1	40.4
2013-Q4	26.8	32.3	2017-Q3	33.0	36.2
2014-Q1	26.6	33.9	2017-Q4	33.1	37.5
2014-Q1	27.1	33.4	2018-Q1	33.9	37.9
2014-Q2	27.7	32.1	2018-Q2	32.1	34.5
2014-Q3	27.5	30.8	2018-Q3	34.4	35.3
2014-Q4	28.5	31.9	2018-Q4	33.3	31.4
2015-Q1	28.9	33.2	2019-Q1	30.6	34.7
2015-Q2	29.2	36.2	2019-Q2	34.1	37.7
2015-Q3	30.3	36.8	2019-Q3	33.5	41.3
2015-Q4	30.3	34.9	Change	-0.5	3.6
2016-Q1	31.1	37.6	Pct. Change	-1.5%	9.5%



# SMALL BUSINESS PCA AND PCD INDEX RESULTS (< \$5M IN REVENUES)



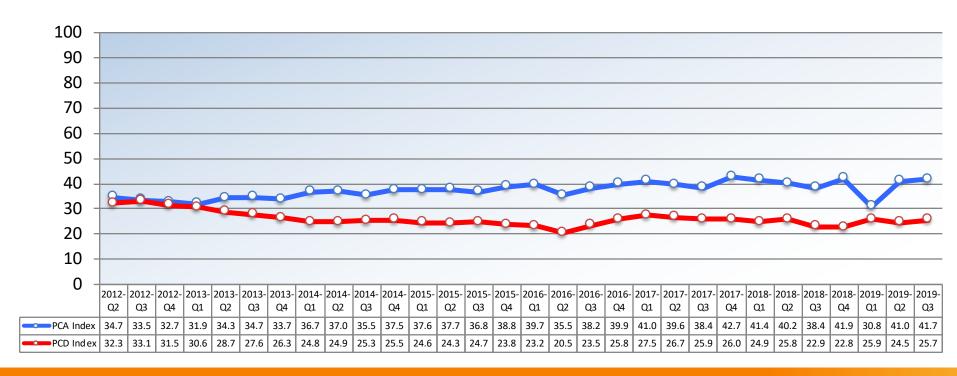


# LOWER MIDDLE MARKET PCA AND PCD INDEX RESULTS (\$5M - \$100M IN REVENUES)

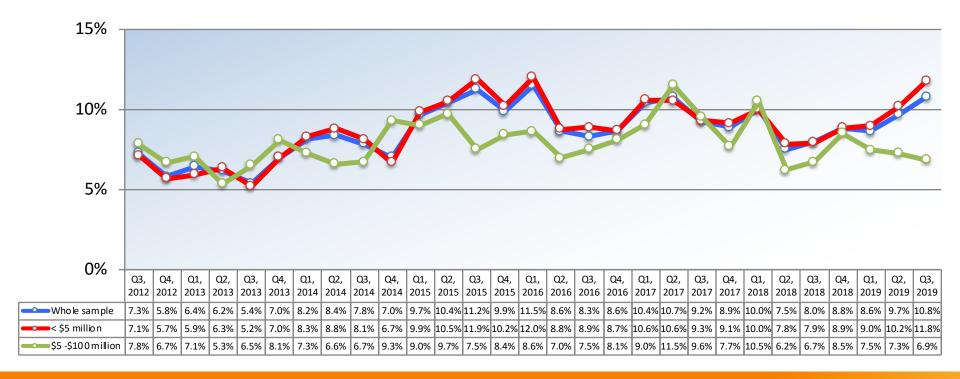
Total Market	PCA Index	PCD Index	Total Market	PCA Index	PCD Index
Total Market	34.7	32.3	2016-Q2	35.5	20.5
2012-Q3	33.5	33.1	2016-Q3	38.2	23.5
2012-Q4	32.7	31.5	2016-Q4	39.9	25.8
2013-Q1	31.9	30.6	2017-Q1	41.0	27.5
2013-Q2	34.3	28.7	2017-Q2	39.6	26.7
2013-Q3	34.7	27.6	2017-Q3	38.4	25.9
2013-Q4	33.7	26.3	2017-Q4	42.7	26.0
2014-Q1	36.7	24.8	2018-Q1	41.4	24.9
2014-Q2	37.0	24.9	2018-Q2	40.2	25.8
2014-Q3	35.5	25.3	2018-Q3	38.4	22.9
2014-Q4	37.5	25.5	2018-Q4	41.9	22.8
2015-Q1	37.6	24.6	2019-Q1	30.8	25.9
2015-Q2	37.7	24.3	2019-Q2	41.0	24.5
2015-Q3	36.8	24.7	2019-Q3	41.7	25.7
2015-Q4	38.8	23.8	Change	0.7	1.2
2016-Q1	39.7	23.2	Pct. Change	1.7%	4.9%



# LOWER MIDDLE MARKET PCA AND PCD INDEX RESULTS (\$5M - \$100M IN REVENUES)

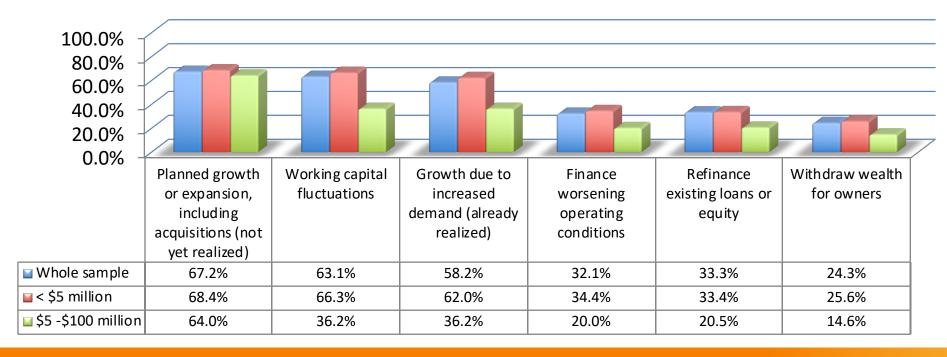


### ANNUAL REVENUE CHANGE EXPECTATIONS BY REVENUE SIZE



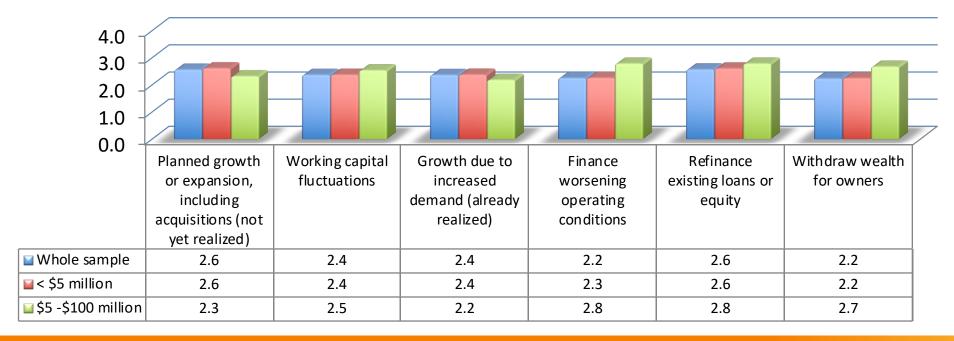
#### II. DEMAND FOR EXTERNAL FINANCING

# DEMAND FOR FINANCING BY PURPOSE (% WITH ANY NEED REPORTED)



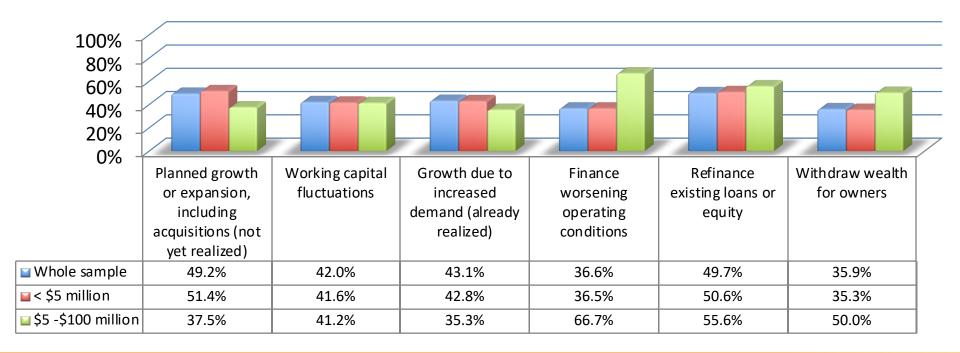
### STRENGTH OF DEMAND FOR FINANCING (AMONG THOSE INDICATING DEMAND)

Scale 1-4: slight, moderate, high, extremely high need



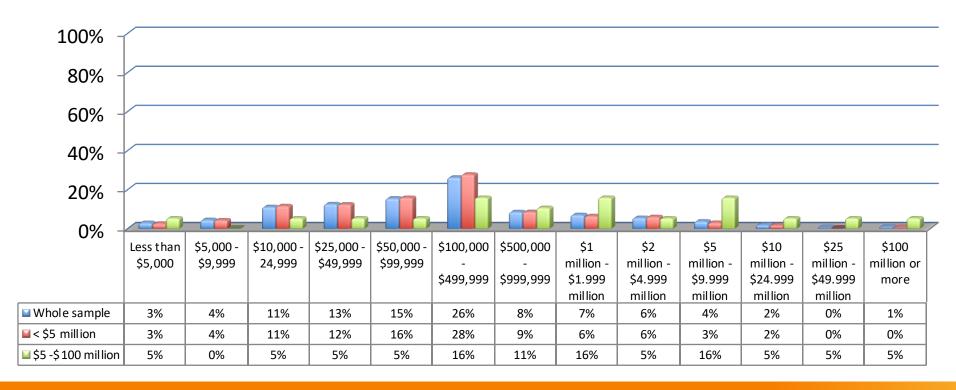


### RESPONDENTS INDICATING HIGH AND EXTREMELY HIGH DEMAND FOR FINANCING (AMONG THOSE INDICATING DEMAND)



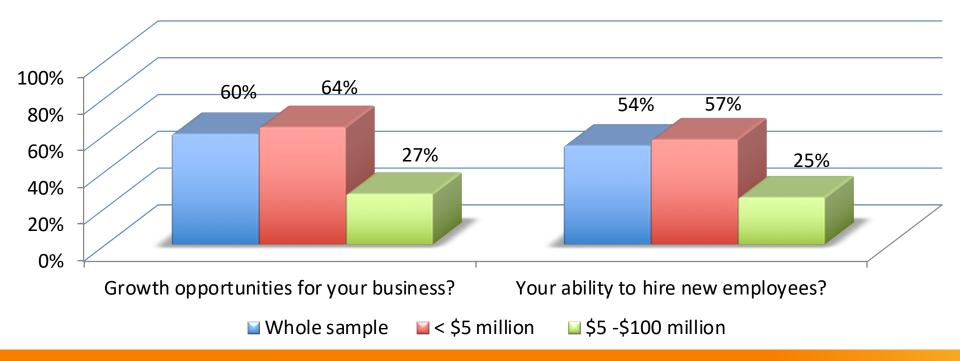


#### HOW MUCH FINANCING RESPONDENTS ARE SEEKING



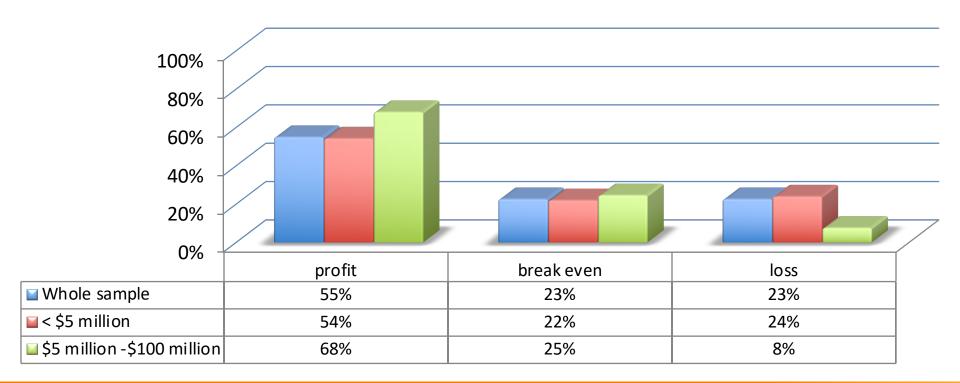


### PERCENTAGE INDICATING "YES" TO "IS THE CURRENT BUSINESS FINANCING ENVIRONMENT RESTRICTING..."

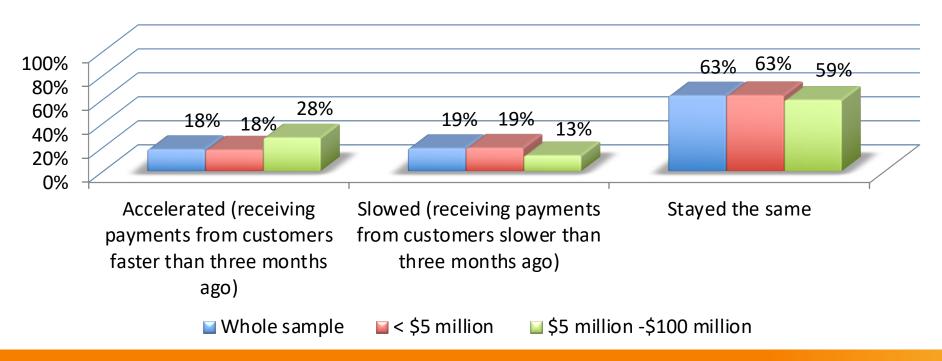




### HOW DID RESPONDENTS BUSINESS OPERATE IN THE LAST QUARTER

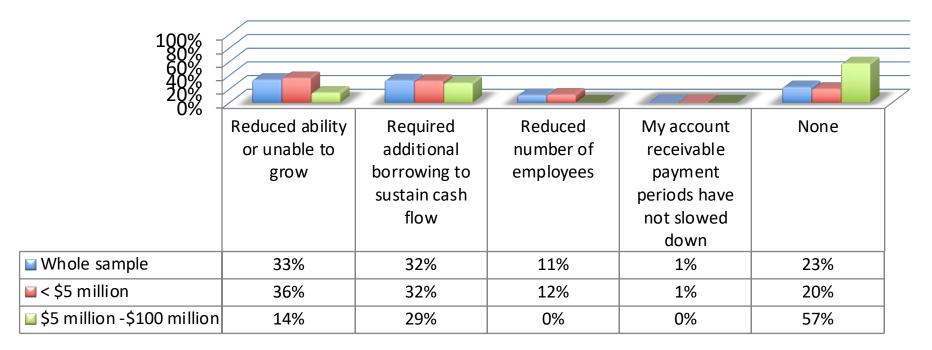


### TRADE ACCOUNTS (ACCOUNTS RECEIVABLE) PAYMENT PERIOD TRENDS OVER THE PAST THREE MONTHS



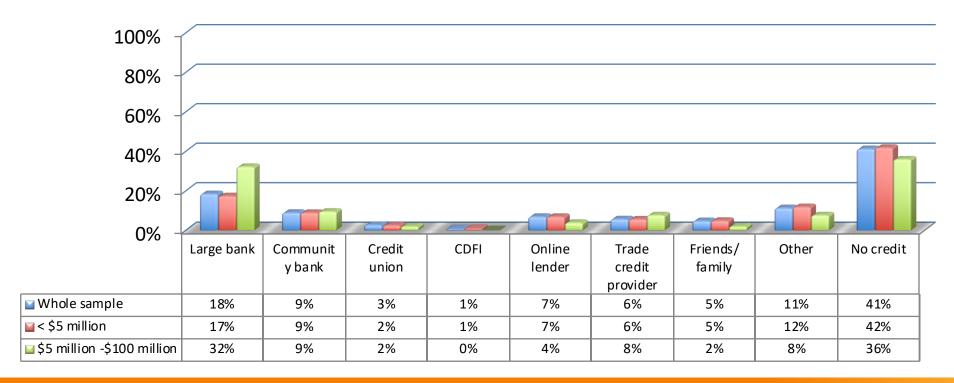


### HOW HAVE SLOWED ACCOUNTS RECEIVABLE PAYMENT PERIODS IMPACTED RESPONDENTS BUSINESS



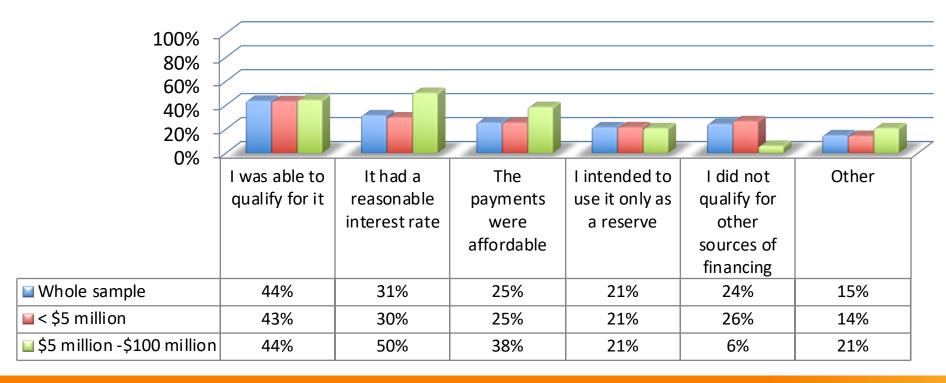


### RESPONDENTS PRIMARY SOURCE OF CREDIT IN THE LAST QUARTER



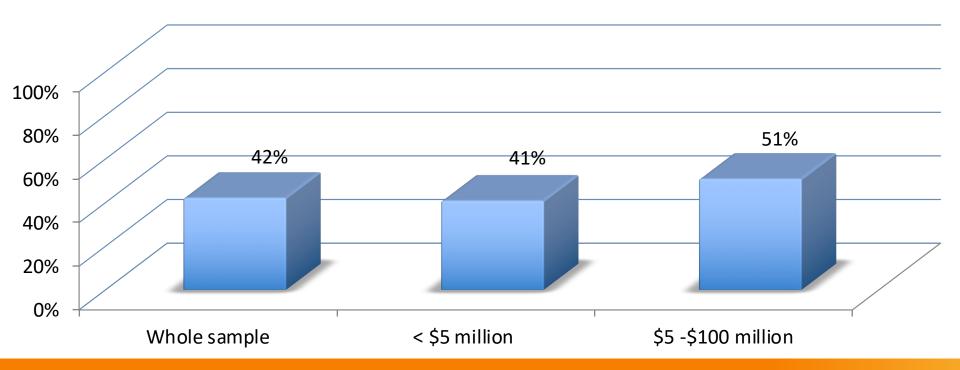


### WHY WAS THAT THE PRIMARY SOURCE OF CREDIT IN LAST QUARTER



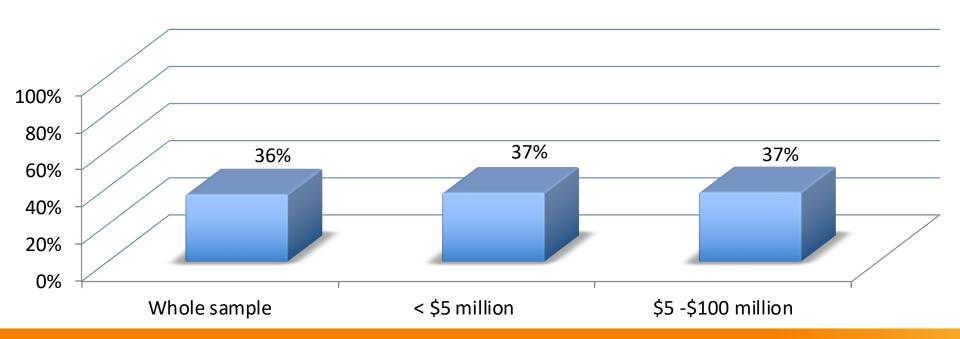


### PERCENTAGE OF BUSINESSES THAT HAVE FINANCING COMING FROM OUTSIDE SOURCES





# PERCENTAGE OF RESPONDENTS WHO ATTEMPTED TO RAISE OUTSIDE FINANCING IN THE LAST THREE MONTHS



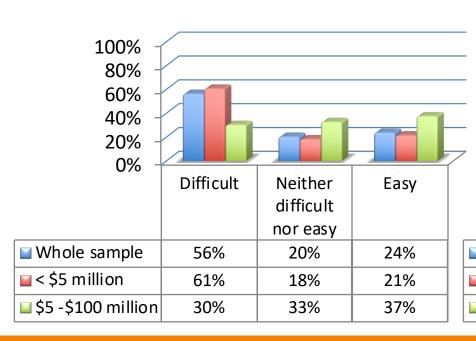


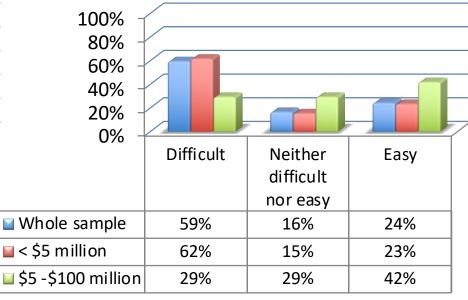
### III. ACCESSIBILITY/SUCCESS RATE

### IS IT DIFFICULT OR EASY TO RAISE NEW EXTERNAL FINANCING?

### **Equity financing**

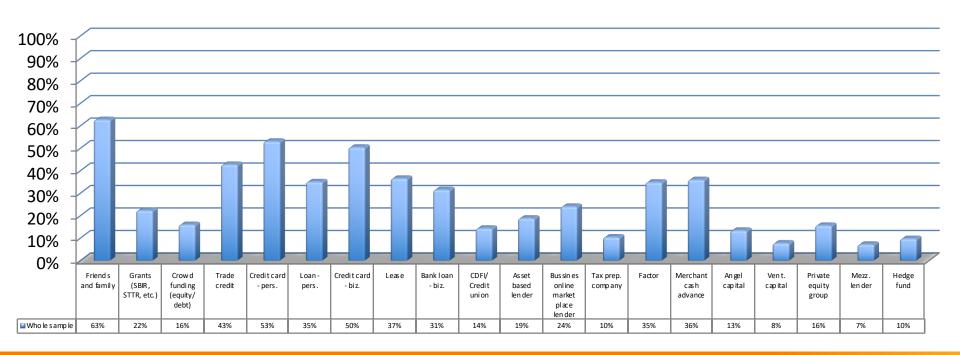
#### **Debt financing**





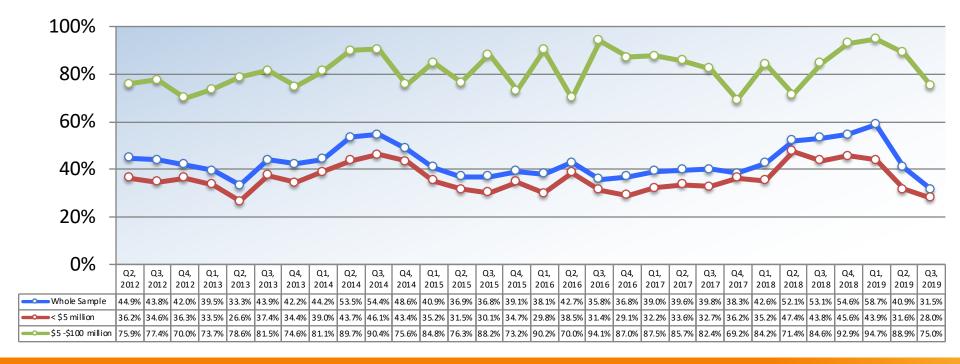


# FINANCING SUCCESS RATES BY TYPE AND BUSINESS SIZE FOR PRIOR THREE MONTHS





### BANK LOANS: FINANCING SUCCESS RATES BY BUSINESS SIZE FOR PRIOR THREE MONTHS



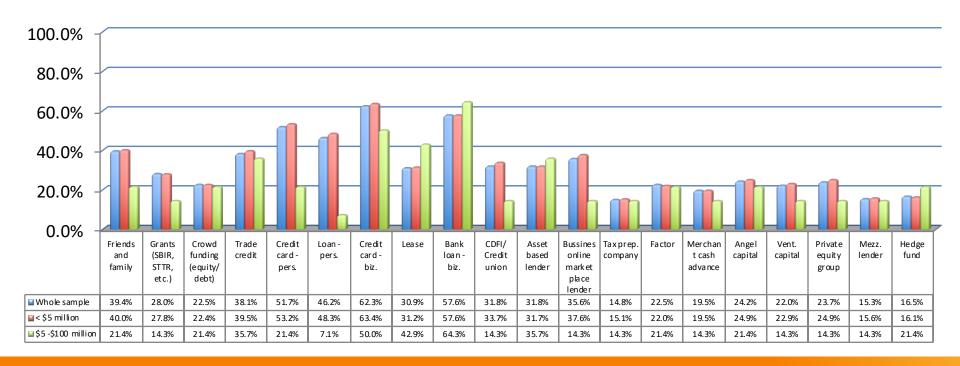


## ASSET BASED LOANS: FINANCING SUCCESS RATES BY BUSINESS SIZE FOR PRIOR THREE MONTHS

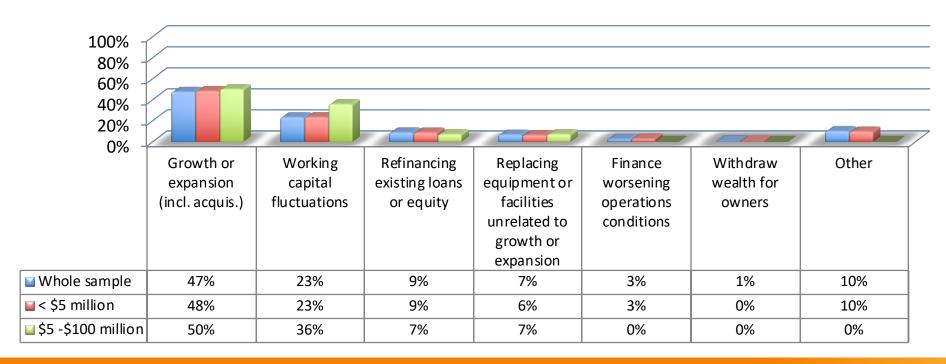




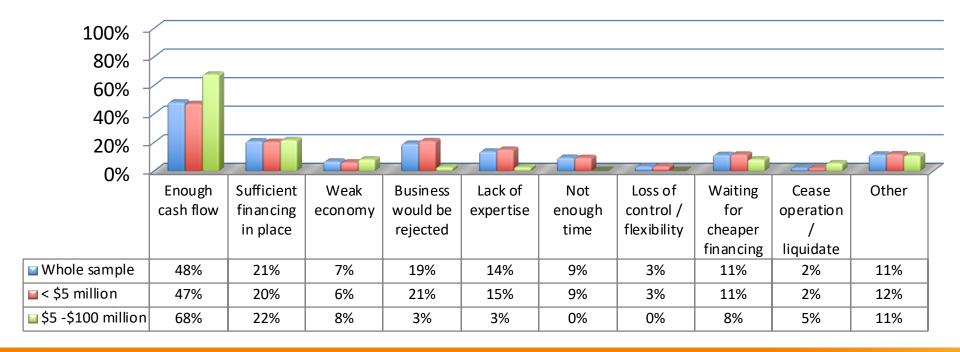
### PERCENTAGE OF THOSE WHO ATTEMPTED TO RAISE FINANCING BY TYPE OF FINANCING FOR PRIOR THREE MONTHS



### MAIN PURPOSE FOR RAISING OR ATTEMPTING TO RAISE FINANCING



# REASONS FOR BUSINESSES NOT ATTEMPTING TO RAISE EXTERNAL FINANCING (MULTIPLE SELECTIONS)

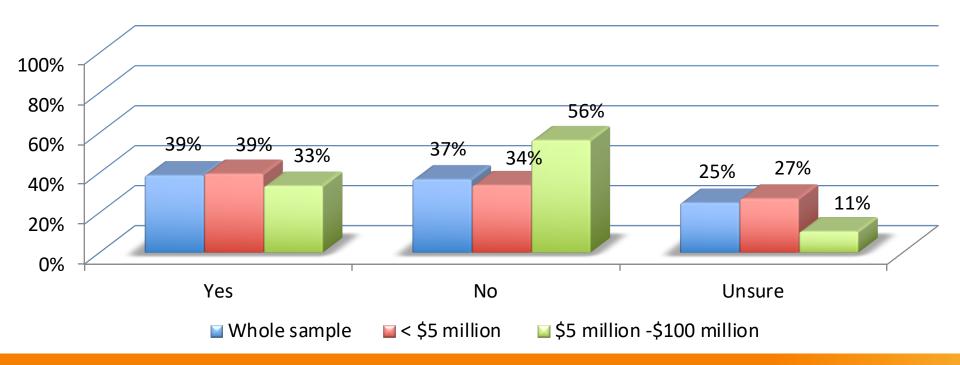




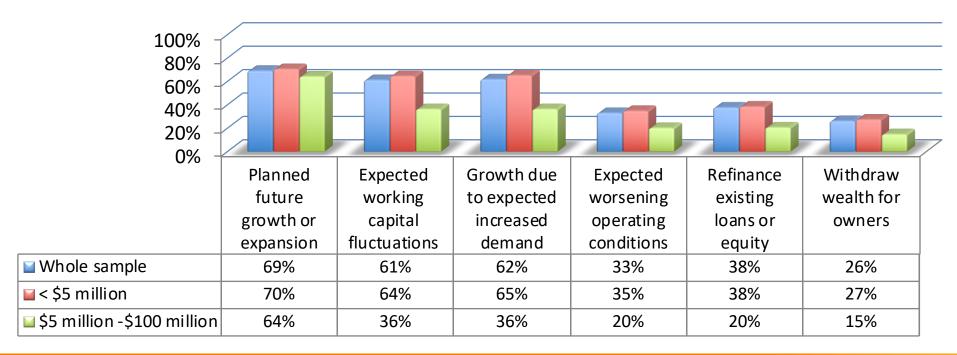
#### IV. EXPECTED DEMAND FOR EXTERNAL FINANCING



### PERCENTAGE OF BUSINESSES PLANNING TO RAISE FINANCING IN THE NEXT SIX MONTHS

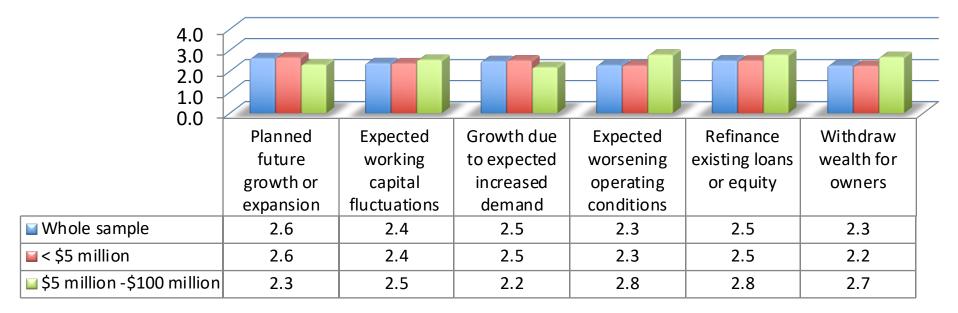


#### PERCENTAGE OF RESPONDENTS INDICATING DEMAND FOR NEW FINANCING IN THE NEXT SIX MONTHS

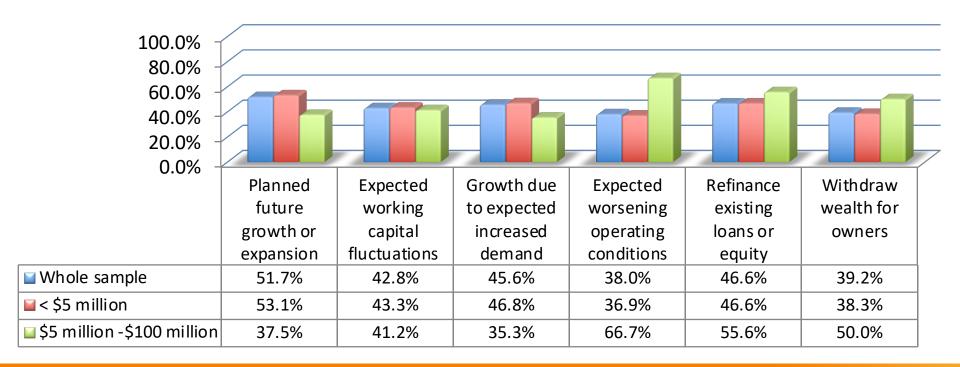


#### STRENGTH OF EXPECTED DEMAND FOR NEW EXTERNAL FINANCING IN THE NEXT SIX MONTHS

(SCALE 1-4: SLIGHT, MODERATE, HIGH, EXTREMELY HIGH)



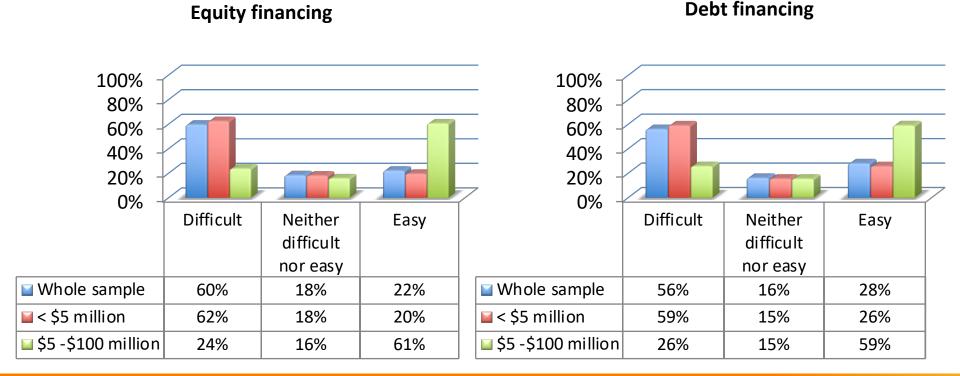
#### RESPONDENTS INDICATING HIGH OR EXTREMELY HIGH EXPECTED DEMAND FOR NEW EXTERNAL FINANCING IN THE NEXT SIX MONTHS



#### **V. EXPECTED ACCESS RATES**

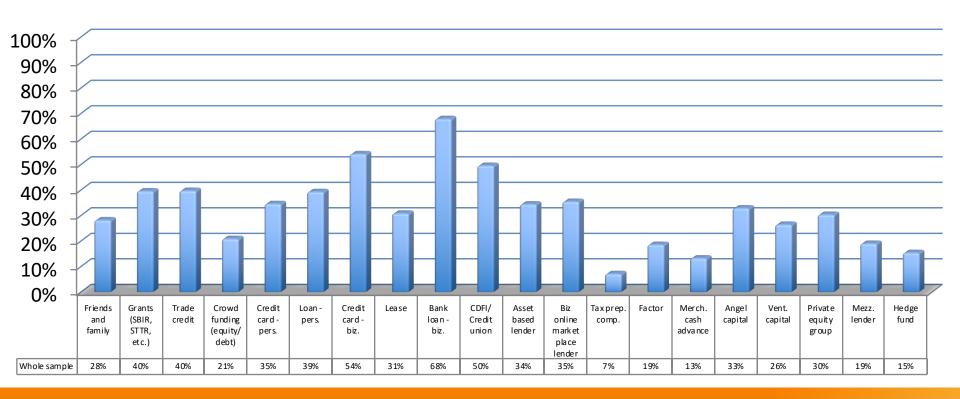


#### DO YOU EXPECT IT WOULD BE EASY OR DIFFICULT TO RAISE NEW FINANCING IN THE NEXT SIX MONTHS?



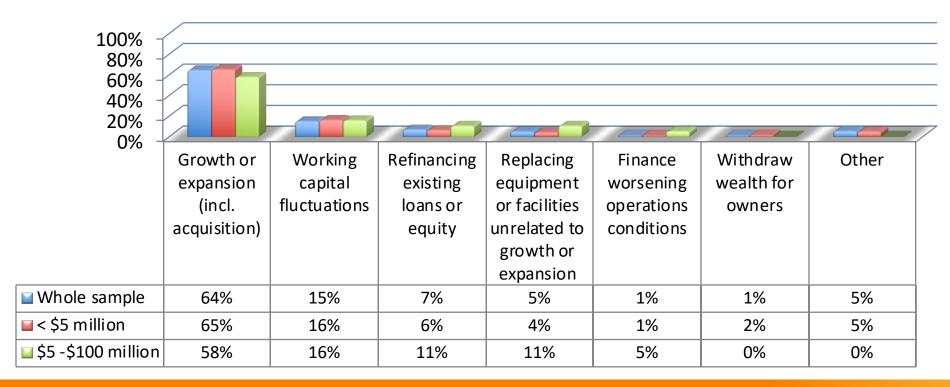


#### LIKELY SOURCES OF FINANCING

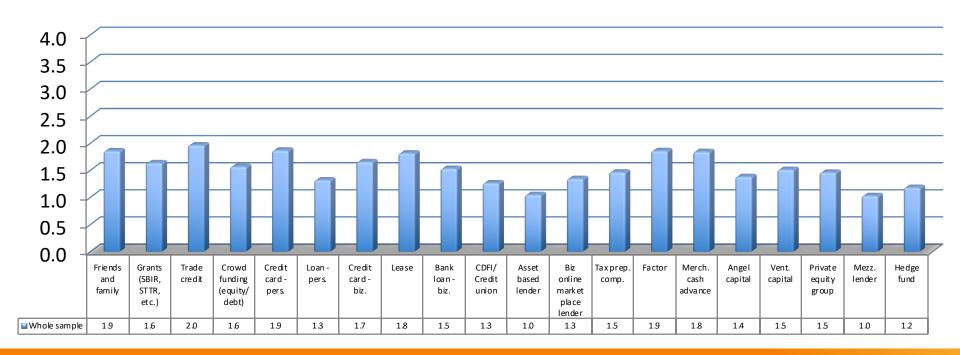




#### MAIN PURPOSE FOR RAISING EXPECTED FINANCING

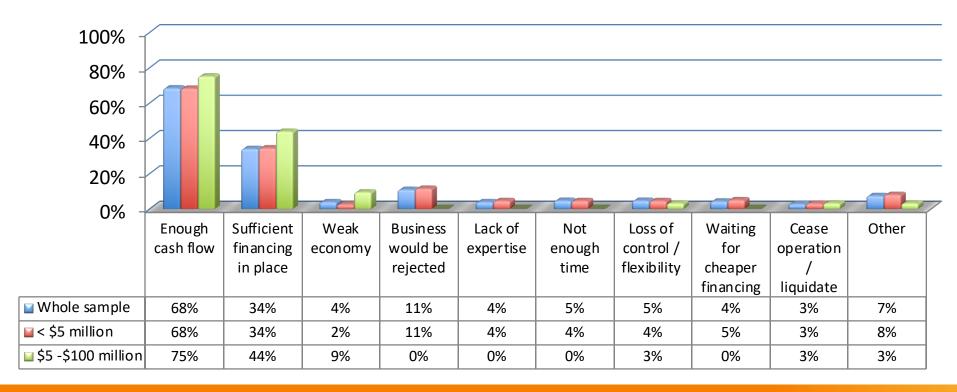


### LEVEL OF CONFIDENCE FOR SUCCESSFUL FINANCING (SCALE 0-4: NONE; SOME; MODERATELY; VERY; COMPLETELY)





#### REASONS FOR NOT PLANNING ON RAISING FINANCING

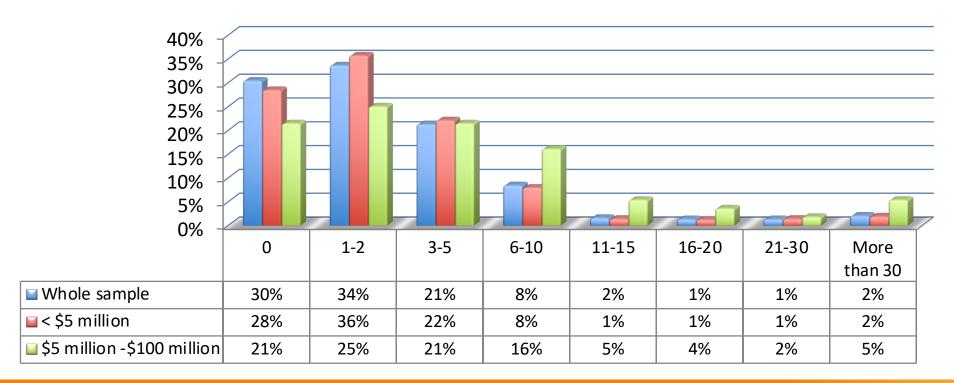




VI. HIRING / GROWTH OUTLOOKS AND FINANCING FAILURE IMPACTS

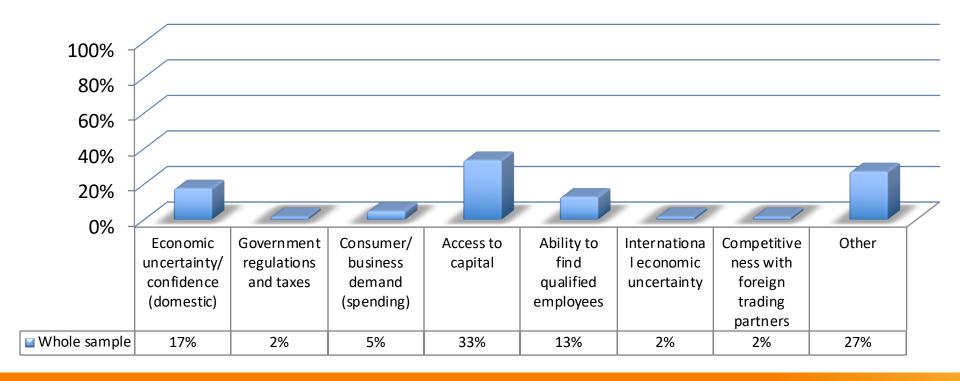


#### NUMBER OF EMPLOYEES PLANNED TO BE HIRED IN THE NEXT SIX MONTHS



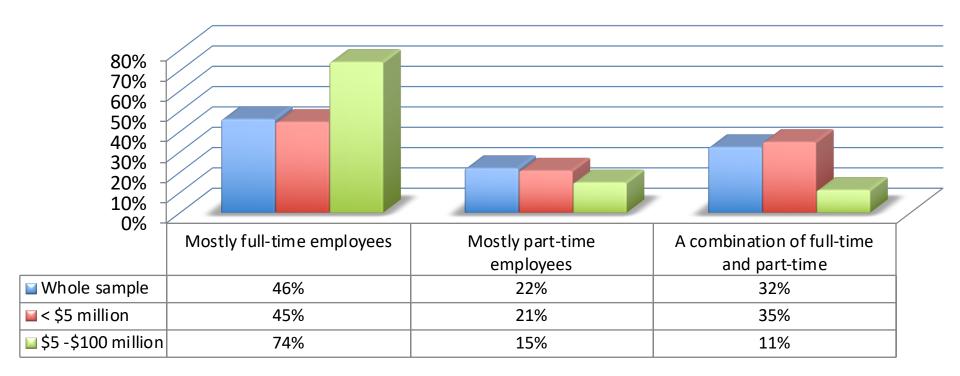


#### REASONS PREVENTING RESPONDENTS FROM HIRING



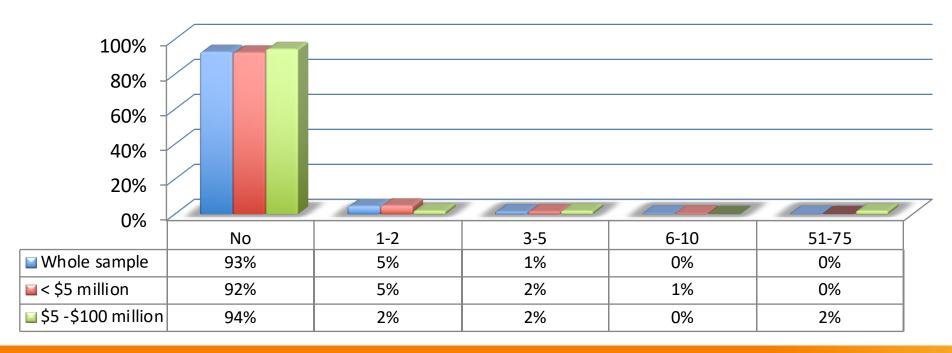


#### WILL EMPLOYEES PLANNED TO BE HIRED BE FULL-TIME OR PART-TIME

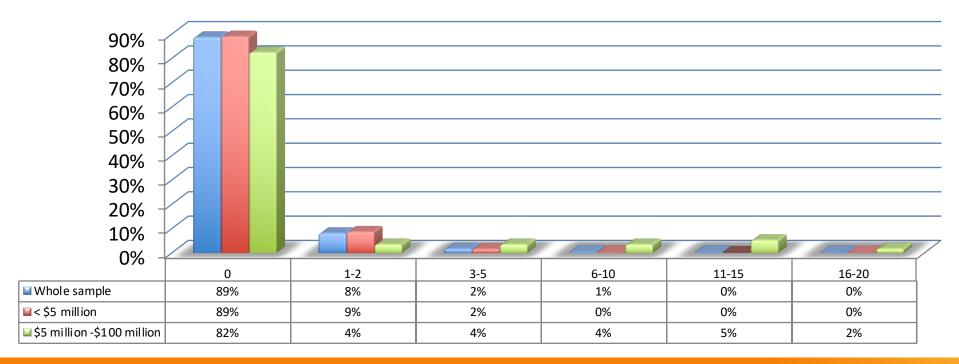




#### DO RESPONDENTS EXPECT TO DECREASE THE NUMBER OF EMPLOYEES IN THE NEXT SIX MONTHS

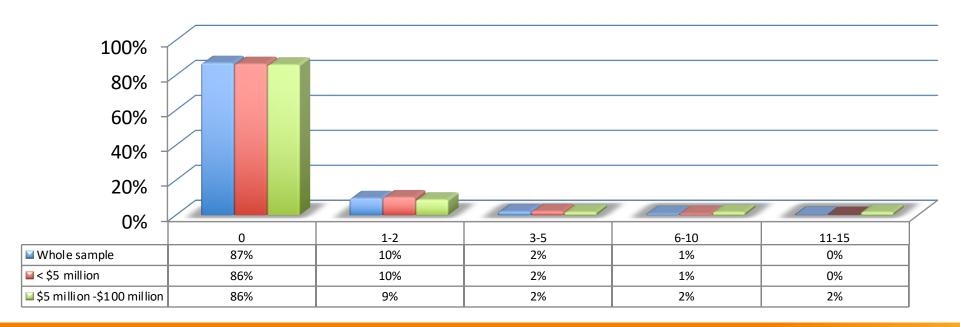


## HOW MANY FULL-TIME EMPLOYEES RESPONDENTS REPLACED WITH (OR CONVERTED TO) PART-TIME EMPLOYEES IN THE LAST SIX MONTHS

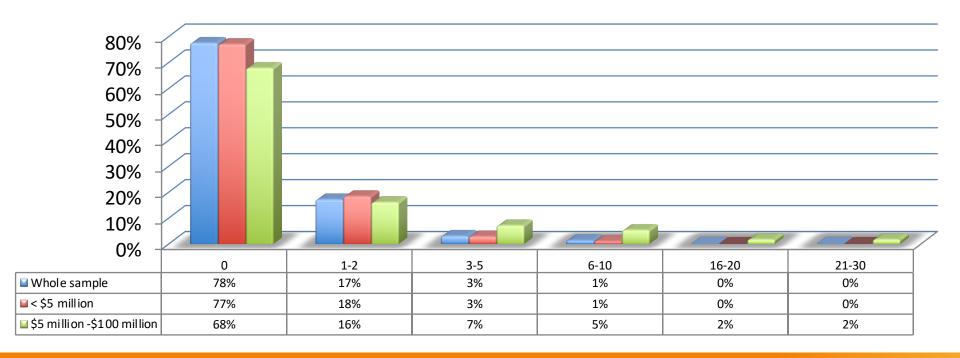




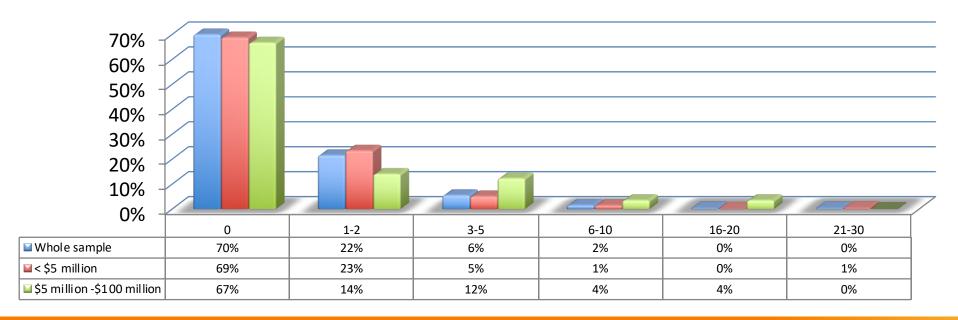
## HOW MANY FULL-TIME EMPLOYEES RESPONDENTS ARE PLANNING TO REPLACE WITH (OR CONVERT TO) PART-TIME EMPLOYEES IN THE NEXT SIX MONTHS



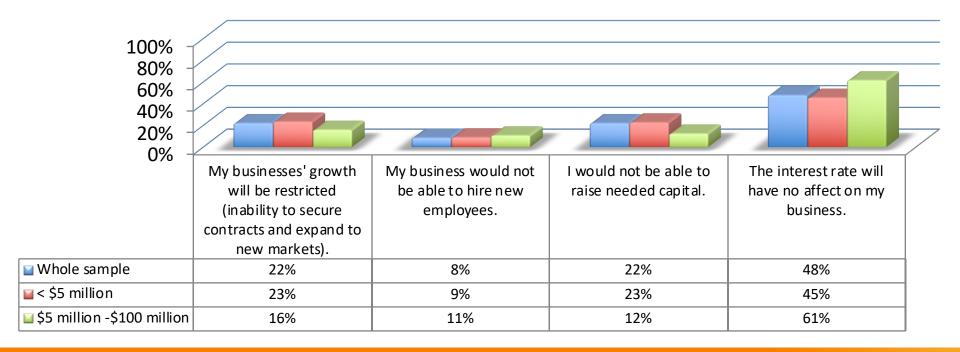
## HOW MANY PART-TIME EMPLOYEES RESPONDENTS REPLACED WITH (OR CONVERTED TO) FULL-TIME EMPLOYEES IN THE LAST SIX MONTHS



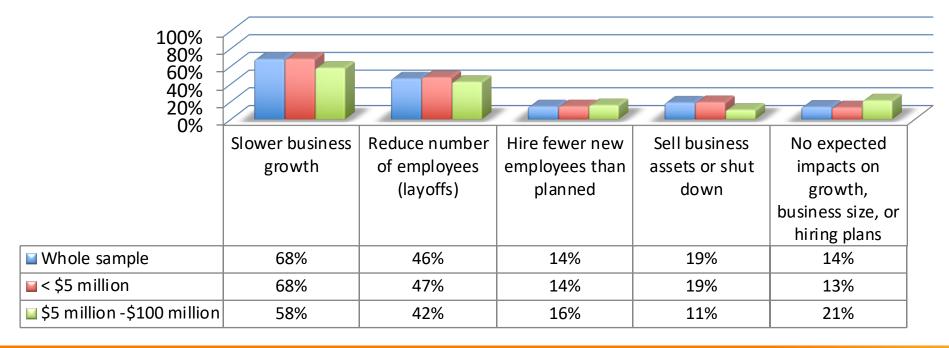
# HOW MANY PART-TIME EMPLOYEES RESPONDENTS ARE PLANNING TO REPLACE WITH (OR CONVERT TO) FULL-TIME EMPLOYEES IN THE NEXT SIX MONTHS



### HOW THE FEDERAL INTEREST RATE HIKE COULD IMPACT RESPONDENTS BUSINESS

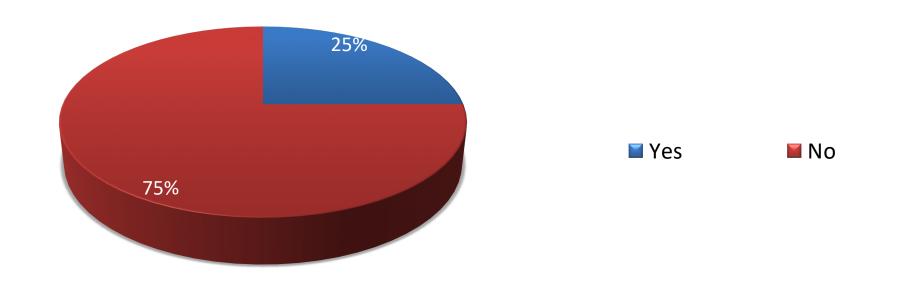


### IMPACTS OF UNSUCCESSFUL FINANCING EVENT IN THE NEXT SIX MONTHS FOR THOSE PLANNING TO RAISE CAPITAL (MULTIPLE SELECTIONS)



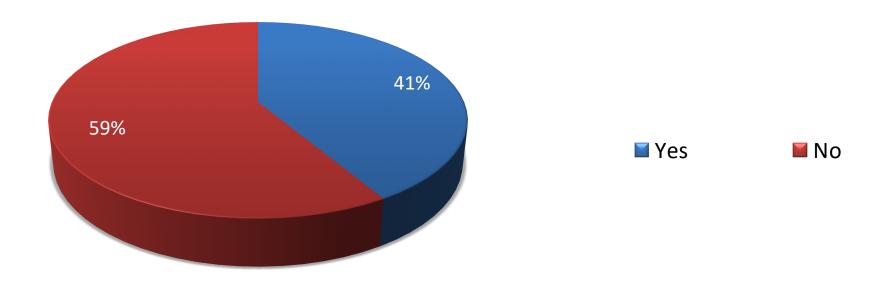


# DO RESPONDENTS ANTICIPATE THEIR BUSINESS BEING IMPACTED BY SEVERE WEATHER CONDITIONS IN 2019, SUCH AS HURRICANES, TROPICAL STORMS, WILDFIRES, ETC.?



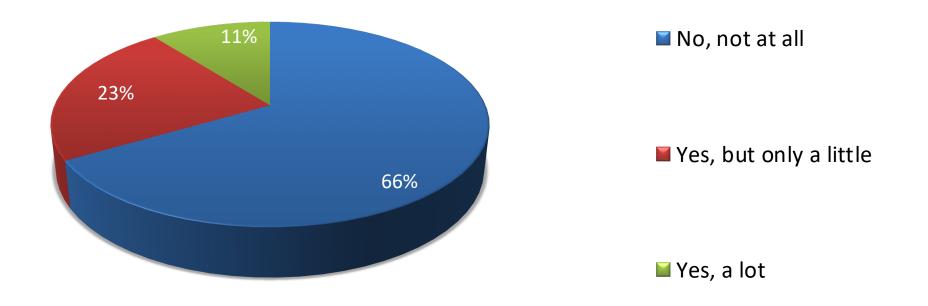


DOES RESPONDENTS BUSINESS HAVE AN EMERGENCY FUND OF CASH ON HAND FOR AN EMERGENCY AS A RESULT OF SEVERE WEATHER CONDITIONS, SUCH AS DAMAGED PROPERTY OR LOSS OF BUSINESS DUE TO UNEXPECTED CLOSURES OR A HALT IN SERVICE?

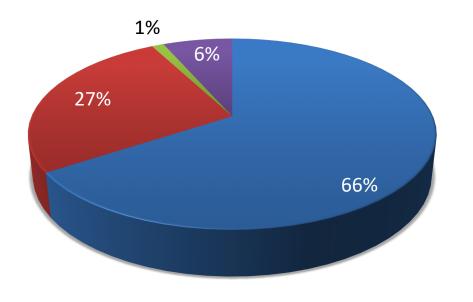




### HAS THE ON-GOING TRADE WAR BETWEEN THE U.S. AND CHINA IMPACTED RESPONDENTS BUSINESS?



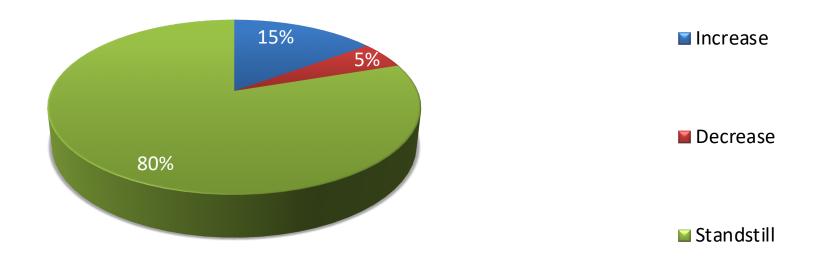
#### AS TARIFF NEGOTIATIONS BETWEEN THE U.S. AND CHINA CONTINUE, HOW DO RESPONDENTS ANTICIPATE THIS IMAPCTING THEIR BUSINESS IN THE LONG-TERM?



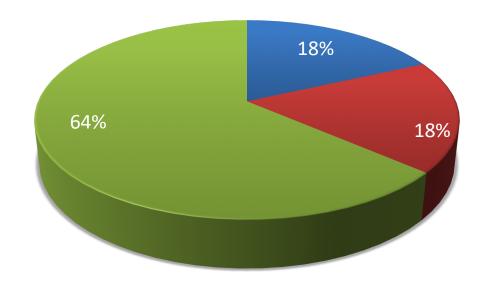
- I don't expect this to impact my business significantly in the long-term
- I expect this to impact my business, primarily due to the increase in prices on consumer goods
- I expect this to impact my business, primarily because it's impacting my ability to hire new employees
- I expect this to impact my business, primarily due to the uncertainty around the situation, putting my business at a stand-still



## HAVE RESPONDENTS UNDERGONE AN INCREASE, DECREASE OR STANDSTILL IN HIRING NEW EMPLOYEES OVER THE PAST QUARTER FOR TEMPORARY SUMMER POSITIONS?



### WHAT WAS THE MAIN REASON FOR DECREASING HIRING NEW EMPLOYEES OVER THE PAST QUARTER FOR TEMPORARY SUMMER POSITIONS?

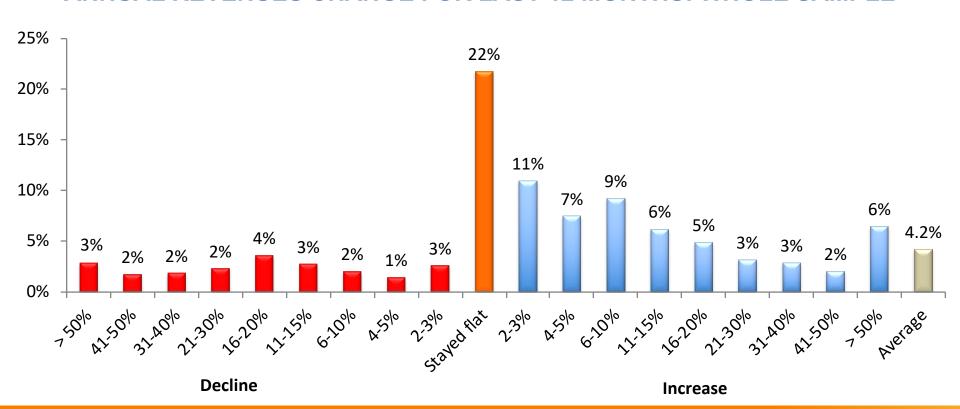


- We're hiring less because of the potential threat of tariffs on Chinese goods has put our business at a standstill
- We're hiring less because we're anticipating a potential recession

We're hiring less because our business has not grown/expanded enough to require hiring new employees this summer

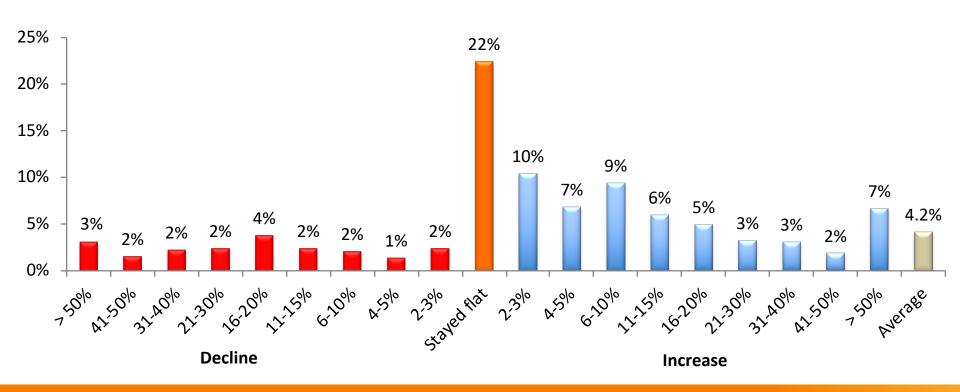


#### ANNUAL REVENUES CHANGE FOR LAST 12 MONTHS: WHOLE SAMPLE





#### **ANNUAL REVENUES CHANGE FOR LAST 12 MONTHS: REVENUES UNDER \$5M**



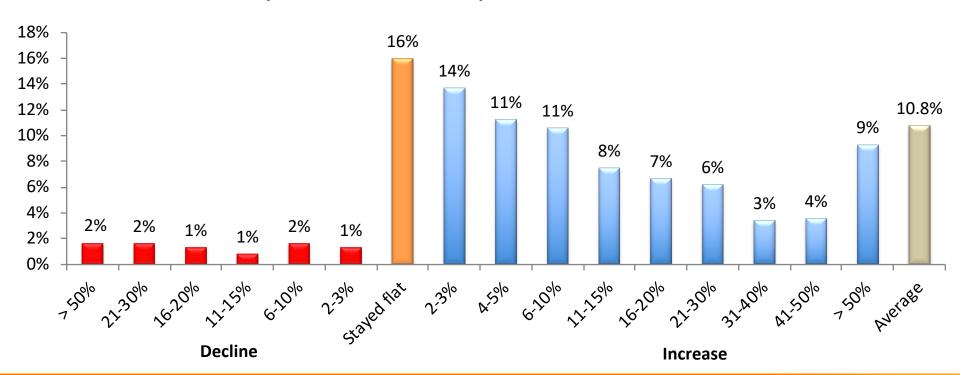


### ANNUAL REVENUES CHANGE FOR LAST 12 MONTHS: REVENUES FROM \$5M TO \$100M



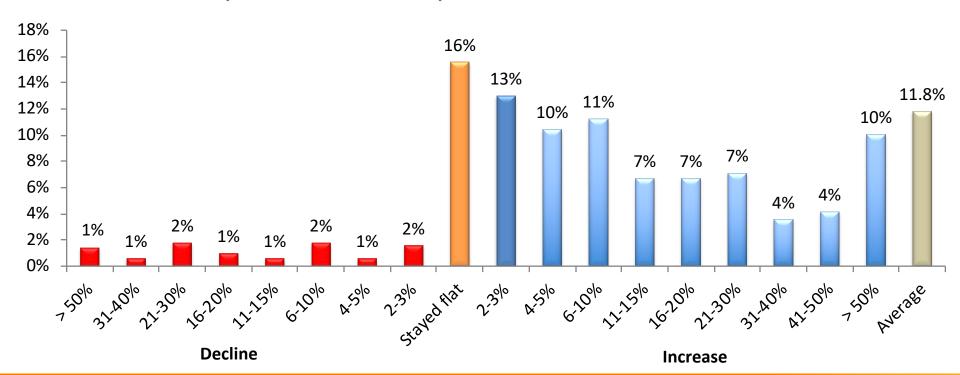


### ANNUAL REVENUE CHANGE EXPECTATIONS (NEXT 12 MONTHS): WHOLE SAMPLE



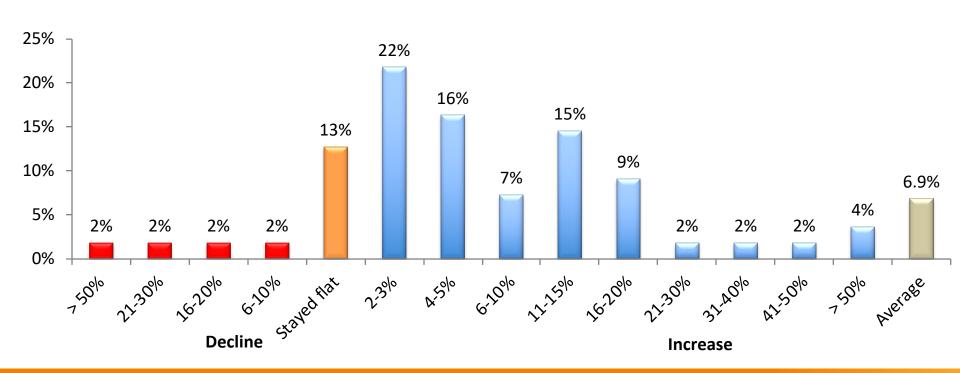


### ANNUAL REVENUE CHANGE EXPECTATIONS (NEXT 12 MONTHS): REVENUES UNDER \$5M



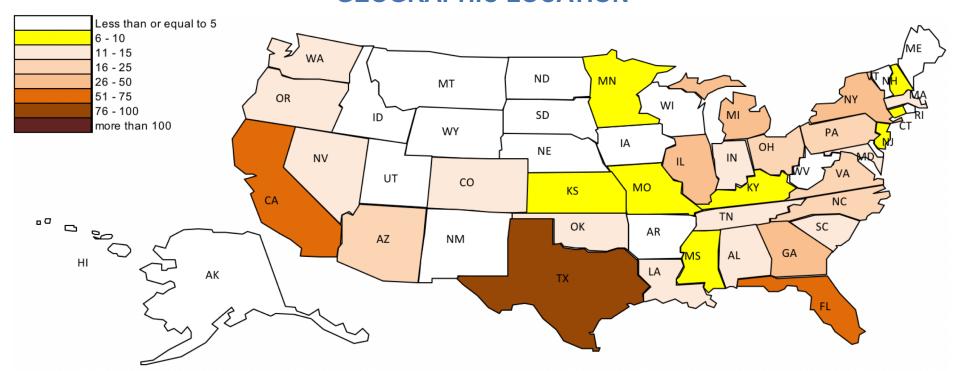


### ANNUAL REVENUE CHANGE EXPECTATIONS (NEXT 12 MONTHS): REVENUES \$5M TO \$100M

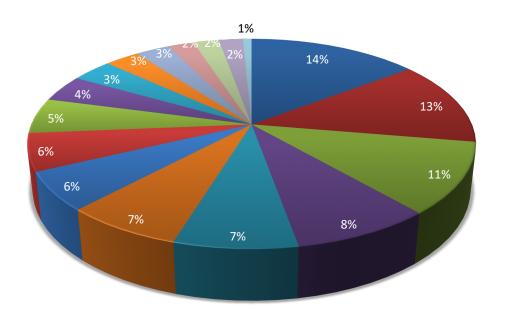


#### **VII. ABOUT THE RESPONDENTS**

#### DETAILS ABOUT THE RESPONDENTS GEOGRAPHIC LOCATION

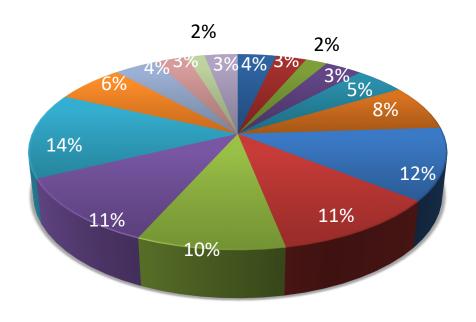


#### DETAILS ABOUT THE RESPONDENTS INDUSTRY



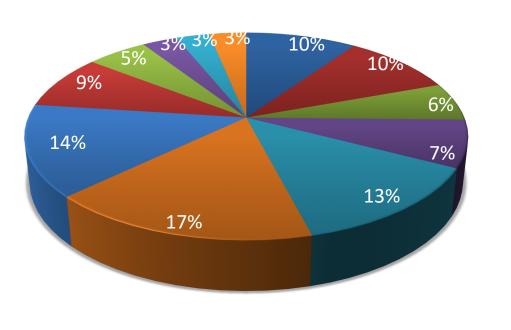
- Other services (except public administration)
- Professional, scientific or technical services
- Construction
- Retail trade
- ■Information technology or services
- Man ufacturing
- Health care
- Real estate or rental and leasing
- Transportation and warehousing
- Finance or insurance
- Arts, entertainment or recreation
- **W**holesale trade
- Educational services
- **■** Restaurants
- Forestry, fishing, hunting or agriculture
- Admin, support, waste management or remediation services
- Utilities

### DETAILS ABOUT THE RESPONDENTS ANNUAL REVENUES



- \$0 or pre-revenue stage
- **■** \$1 \$5,000
- **■** \$5,001 \$10,000
- **■** \$10,001 \$25,000
- **\$25,001 \$50,000**
- **■** \$50,001 \$100,000
- **■** \$100,001 \$250,000
- **\$250,001 \$500,000**
- **■** \$500,001 \$1,000,000
- **■** \$1,000,001 \$2,000,000
- **■** \$2,000,001 \$5,000,000
- **■** \$5,000,001 \$10,000,000
- **■** \$10,000,001 \$25,000,000
- **■** \$25,000,001 \$50,000,000
- **■** \$50,000,001 \$100,000,000
- **■** \$100,000,001 \$500,000,000

#### **DETAILS ABOUT THE RESPONDENTS ANNUAL INCOME**



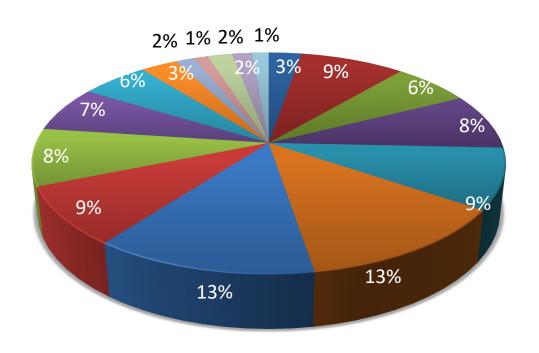
- Negative (net loss)
- **■** \$1 \$5,000

**■** \$5,001 - \$10,000

**■** \$10,001 -\$25,000

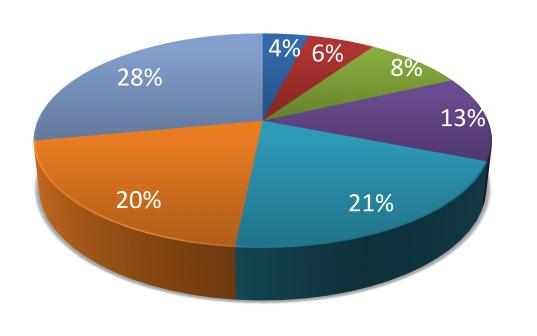
- **\$25,001 \$50,000**
- **■** \$50,001 \$100,000
- **■** \$100,001 \$250,000
- **■** \$250,001 \$500,000
- **■** \$500,001 \$1,000,000
- **■** \$1,000,001 \$2,000,000
- **■** \$2,000,001 \$5,000,000 **■** Greater than \$5,000,000

#### DETAILS ABOUT THE RESPONDENTS TOTAL BUSINESS ASSETS



- **\$0**
- **■** \$1 \$5,000
- **■** \$5,001 \$10,000
- **■** \$10,001 \$25,000
- **■** \$25,001 \$50,000
- **■** \$50,001 \$100,000
- **■** \$100,001 \$250,000
- **\$250,001 \$500,000**
- **■** \$500,001 \$1,000,000
- **■** \$1,000,001 \$2,000,000
- **■** \$2,000,001 \$5,000,000
- **■** \$5,000,001 \$10,000,000
- **■** \$10,000,001 \$25,000,000
- **■** \$25,000,001 \$50,000,000
- **■** \$50,000,001 \$100,000,000
- **■** \$100,000,001 \$500,000,000

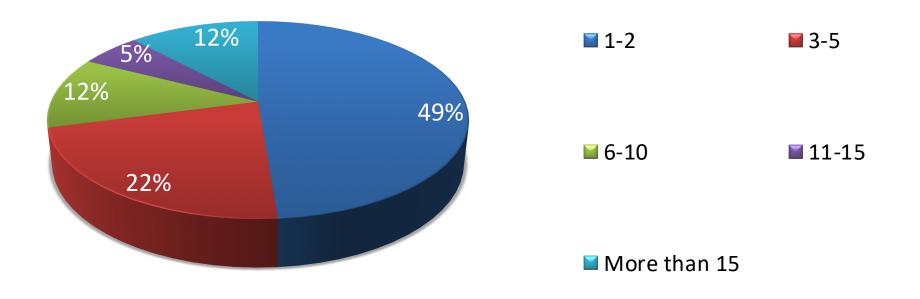
### DETAILS ABOUT THE RESPONDENTS FIRM AGE



- < 1 year
  </p>
- At least 1 but less than 2
- At least 2 but less than 3
- At least 3 but less than 5
- At least 5 but less than 10
- At least 10 but less than 20
- 20 or more

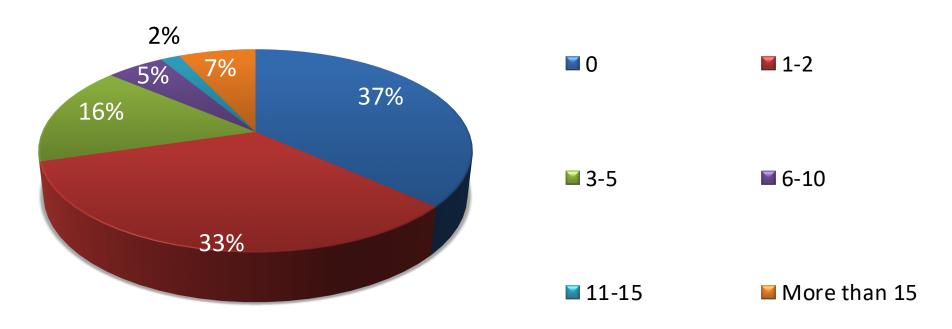


#### DETAILS ABOUT THE RESPONDENTS NUMBER OF FULL-TIME EMPLOYEES



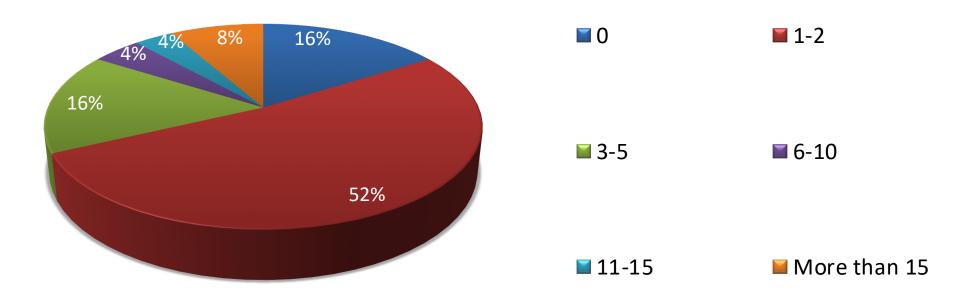


### DETAILS ABOUT THE RESPONDENTS NUMBER OF PART-TIME EMPLOYEES

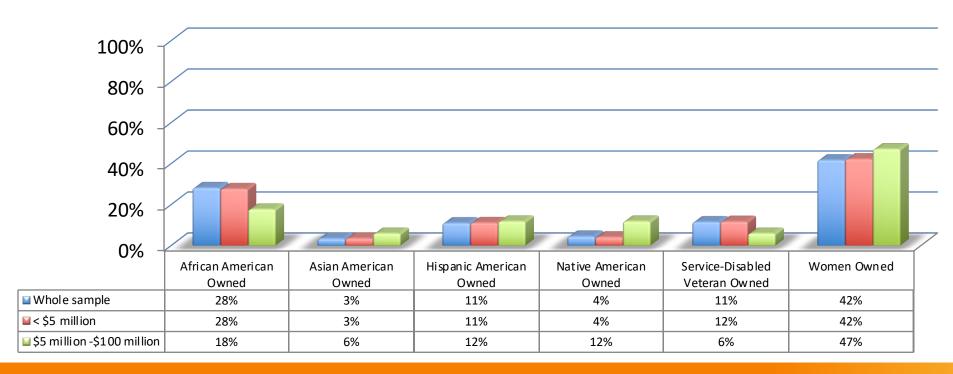




### DETAILS ABOUT THE RESPONDENTS NUMBER OF FEMALE EMPLOYEES



### DETAILS ABOUT THE RESPONDENTS MINORITY-OWNED TYPES



#### **About Pepperdine Private Capital Markets Project**

The Pepperdine Private Capital Markets Project at the Graziadio School is the first simultaneous, comprehensive, and on-going investigation of the major private capital market segments. The research seeks to understand the true cost of private capital across market types and the investment expectations of privately-held business owners; providing lenders, investors and the businesses that depend on them with critical data to make optimal investment and financing decisions, and better determine where the opportunities to create lasting economic value may be realized. Download reports and find more information at <a href="http://bschool.pepperdine.edu/privatecapital">http://bschool.pepperdine.edu/privatecapital</a>.

#### **About Pepperdine University Graziadio Business School**

Anchored in the core values of integrity and innovation, the <u>Pepperdine Graziadio Business School</u> challenges individuals to think boldly and drive meaningful change that positively impacts their organizations and communities. With an entrepreneurial spirit, the Graziadio School advances experiential learning in small classes that deepen connections and stimulate critical thinking. Through our wide continuum of MBA, MS and Executive degree programs offered across six California campuses, Graziadio faculty inspire full time students and working professionals to realize their greatest potential as values-centered, Best *for* the World Leaders. Follow Pepperdine Graziadio on <u>Facebook</u>, <u>Twitter</u> at <u>@GraziadioSchool</u>, <u>Instagram</u> and <u>LinkedIn</u>.

### PEPPERDINE GRAZIADIO BUSINESS SCHOOL

