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# Minnesota Angel Tax Credit Program

2021 Annual Report  
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# Minnesota Angel Tax Credit Program 2021 Report

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# Minnesota Angel Tax Credit Program

## 2021 Report to the Minnesota Legislature

### Introduction

The Small Business Investment Tax Credit, commonly known as the Angel Tax Credit Program, was enacted into law on April 1, 2010 (Minnesota Statutes 116J.8737) and launched by the Department of Employment and Economic Development (DEED) in July 2010. The program was created to stimulate private investment in emerging businesses and to encourage job creation through the growth of those businesses.

In 2021, the program certified 146 businesses, 83 of which received investments from 432 certified individual investors and 179 investors in certified funds. These businesses received more than \$39.5 million in investment, resulting in \$9.8 million in credits for investors. Details on program activity are presented below. The program was not authorized to operate in 2020; this is the program's subsequent report to its 2019 report to the legislature.

The Angel Tax Credit Program encourages economic growth and job creation by providing tax incentives to encourage investment in early stage companies. Investors in start-up businesses that are focused on developing or using proprietary technology in a high technology field or in specific industry fields, or in businesses that are developing a proprietary product, process or service in specific industry fields, receive a 25 percent refundable tax credit (subject to annual maximums of \$125,000 per person or \$250,000 if married filing jointly) for their equity investments in qualified businesses. The granting of these credits supports the success of Minnesota's entrepreneurs, the growth of emerging businesses, and future job creation in Minnesota.

For businesses to qualify to participate in the program, they must meet the following requirements:

- Headquartered in Minnesota
- Minimum 51% of employees and payroll in Minnesota
- Fewer than 25 employees
- Minimum of 51% of the value of service contracts performed in Minnesota
- Pay employees wages of at least 175 percent of poverty level for a family of four on an annualized basis (the equivalent of \$22.30/hr in 2021); interns must be paid at least 175 percent of the federal minimum wage (the equivalent of \$12.69/hr)
- Not in operation for more than 10 years (20 years if engaged in the medical device or pharmaceutical fields that require FDA product approval)
- Not have securities that trade on a public exchange
- Not have received previous private equity investments of more than \$4 million
- Not have received private equity investments of more than \$4 million that have qualified for the credit
- Primary business activity of using or researching a proprietary technology in a high technology field or in agriculture, tourism, forestry, mining, manufacturing or transportation
- Not be an excluded business type

For investors to qualify to participate in the program, they must meet the following requirements:

- A natural person (not a pass-through or corporate entity)
- An accredited investor or one who will only invest in exempt filings or one who is investing through the MNvest program
- Make a qualifying investment of at least \$10,000, or of at least \$7,500 if the business is veteran-owned, minority-owned, women-owned or located in Greater Minnesota
- And to be eligible for the credit, the investor may not be:
  - An officer or principal of the business being invested in
  - A 20% or more owner of the business being invested in (family interests combined)
  - A family member of either of the above

For investment funds to participate in the program, they must meet the following requirements:

- Minimum of three investors
- At least three investors of the fund must be natural persons
- Organized as a pass-through entity
- Make a qualifying investment of at least \$30,000
- Fund members are ineligible for the credit if an officer, principal, 20% or more owner (or a family member any of these) of the business being invested in

The process by which businesses, investors and funds receive credits is as follows:

1. All those who wish to participate in the Angel Tax Credit Program—businesses, investors, and funds—must apply to DEED for certification. This certification process ensures that they meet the eligibility requirements of the program.
2. Before a qualifying investment is made, the transaction participants must apply for a tax credit allocation. This process ensures that the parties do not exceed their annual or program life limitations for the tax credit and that sufficient tax credits are available for the planned investment.
3. Once the investment is made, the transaction participants must submit evidence of the investment; this evidence provides proof that the investment actually took place and that the investor is entitled to the tax credit.
4. Finally, those who make or receive investments pursuant to the program must file annual reports. These reports ensure compliance with the requirement that the investor hold the investment for three years and with the requirement that the business continue to maintain over 51% of its payroll and employees in Minnesota. Failure to meet these requirements results in recapture of the credit.

## **Businesses in the Program**

Businesses must be certified by DEED to participate in the program before investors may make investments in the businesses that qualify for the tax credit. Of the 146 businesses that were certified in 2021, 83 received investments. Since the program's inception in 2010, 563 businesses have benefited from the program.

Businesses filing annual reports (those who have received investments through the program within the last 5 years) indicated that, in 2021, they received a total of \$165,087,884 in investment outside the program. Details on the business investments made pursuant to the program are below:

**Table 1 – Number of Businesses Certified and Invested In, Investment, and Credits Issued in the Angel Tax Credit Program, 2010-2021**

	2010	2011	2012	2013	2014	2015
Number of businesses certified:	112	176	190	193	183	182
Number of businesses in which investments were made:	67	113	117	128	110	114
Investment made in businesses qualifying for credit:	\$28,023,232	\$63,148,784	\$46,150,674	\$50,657,447	\$59,783,632	\$70,411,833
Credit issued for these investments:	\$7,005,808	\$15,787,156	\$11,415,751	\$12,365,229	\$13,841,673	\$15,542,608

	2016	2017	2018	2019	2020	2021
Number of businesses certified:	187	163	No program	124	No program	146
Number of businesses in which investments were made:	105	101	No program	72	No program	83
Investment made in businesses qualifying for credit:	\$58,894,095	\$44,474,766	No program	\$39,875,431	No program	\$39,583,329
Credit issued for these investments:	\$14,723,711	\$10,723,963	No program	\$9,774,038	No program	\$9,890,026

For a list of 2021 certified businesses, see Appendix A.

For a list of 2021 certified businesses that received investments, see Appendix B.

### Industry Types

In order to be certified to participate in the Angel Tax Credit Program, a business must be using proprietary technology to add value to a product, process or service in a qualified high-technology field; researching or developing a proprietary product, process or service in a qualified high-technology field; researching, developing or producing a new proprietary technology for use in the fields of agriculture, tourism, forestry, mining, manufacturing or transportation; or researching or developing a proprietary product, process or service for use in the fields of agriculture, tourism, forestry, mining, manufacturing or transportation.

The industries represented by certified businesses and by those businesses which received investment are displayed in Table 2 and Table 3; these tables use the industry types adopted by the Angel Tax Credit investment community.

**Table 2 - Industries Represented by Businesses Participating in Angel Tax Credit Program, 2021\***

Industry Type	Received Investments	Certified Only (No Investment)	Total
Medical Devices & Equipment	24	13	37
Software	14	15	29
Food/Drink	9	1	10
Biotechnology	7	7	14
Business Products & Services	6	4	10
Clean Technology	4	4	8
Consumer Products & Services	3	4	7
Education	3	1	4
Gaming	2	0	2
Healthcare Services	2	3	5
Other	2	4	6
Computers and Peripherals	1	1	2
IT Services	1	0	1
Internet/Web Services	1	4	5
Marketing/Advertising	1	0	1
Media/Entertainment	1	0	1
Electronics/Instrumentation	1	2	3
Sports	1	0	1
<b>TOTAL</b>	<b>83</b>	<b>63</b>	<b>146</b>

\* Standardized categories used by the Angel Tax Credit investment community; not necessarily reflective of business' primary activity for certification purposes

The top two types of businesses receiving investment in 2021—medical device and software—were the same two types as in 2013-2017 and 2019 (there was no program in 2018 and 2020).

**Table 3 – Investment in Industries Represented by  
Businesses Participating in Angel Tax Credit Program, 2021\***

<b>Type of Industry</b>	<b>Total Investment</b>	<b>Total Credits</b>
Medical Devices and Equipment	\$19,062,444	\$4,765,606
Food/Drink	\$7,542,479	\$1,879,372
Biotechnology	\$3,149,133	\$787,305
Other	\$2,031,000	\$507,750
Software	\$1,805,580	\$451,382
Clean Technology	\$1,677,500	\$419,375
Business Products & Services	\$1,090,582	\$273,102
Education	\$864,832	\$216,208
Media/Entertainment	\$686,521	\$171,631
Consumer Products & Services	\$562,000	\$140,500
Gaming	\$388,740	\$97,172
Electronics/Instrumentation	\$200,000	\$50,000
Healthcare Services	\$150,000	\$37,500
Sports	\$150,000	\$37,500
Internet/Web Services	\$97,518	\$24,373
Computers and Peripherals	\$60,000	\$15,000
IT Services	\$40,000	\$10,000
Marketing/Advertising	\$25,000	\$6,250
<b>TOTAL</b>	<b>\$39,583,329</b>	<b>\$9,890,026</b>

\*Standardized categories used by Angel Tax Credit investment community; not necessarily reflective of business' primary activity for certification purposes

*Business Locations*

Pursuant to a 2014 statutory modification to the program, 50% (\$5.0 million) of angel tax credits are reserved for investments made in certified businesses located in Greater Minnesota, as well as for investments made in women and minority owned and managed businesses. Of the 83 certified businesses that received investment through the program in 2021, six were headquartered in Greater Minnesota (see the *Business Demographics* section below for information about women and minority businesses). Table 4 and table 5 give additional detail and Appendix C provides a map of business headquarters distribution.

**Table 4 – Headquarters Location & Investment In Businesses Receiving Qualifying Investment Pursuant to the Angel Tax Credit Program, 2010-2021**

	2010	2011	2012	2013	2014	2015
<b>Number of Twin Cities Businesses</b>	62	100	109	122	102	101
<b>Number of Greater Minnesota Businesses</b>	5	13	8	6	8	13
<b>Total Businesses</b>	67	113	117	128	110	114
<b>Investment in Twin Cities Businesses</b>	\$26,248,232	\$50,260,689	\$43,892,174	\$49,339,446	\$51,655,622	\$64,46,333
<b>Investment in Greater Minnesota Businesses</b>	\$1,775,000	\$12,888,095	\$ 2,258,500	\$1,318,001	\$8,128,010	\$5,955,500
<b>Total Investment</b>	\$28,023,232	\$63,148,784	\$46,150,674	\$50,657,447	\$59,783,632	\$70,411,833

	2016	2017	2018	2019	2020	2021
<b>Number of Twin Cities Businesses</b>	95	91	No program	65	No program	77
<b>Number of Greater Minnesota Businesses</b>	10	10	No program	7	No program	6
<b>Total Businesses</b>	105	101	No program	72	No program	83
<b>Investment in Twin Cities Businesses</b>	\$53,180,010	\$34,601,494	No program	\$37,427,198	No program	\$38,289,789
<b>Investment in Greater Minnesota Businesses</b>	\$5,714,085	\$9,873,272	No program	\$2,448,233	No program	\$1,293,540
<b>Total Investment</b>	\$58,894,095	\$44,474,766	No program	\$39,875,431	No program	\$39,583,329

*Business Demographics*

**Table 5 - Women and Minority Owned Businesses Receiving Qualifying Investment Pursuant to the Angel Tax Credit Program, 2012-2021**

Demographic Type	Number of Businesses Receiving Qualifying Investment										Investment Amount
	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	
<b>Women owned &amp; managed</b>	6	14	15	10	12	11	No program	11	No program	16	\$5,742,012
<b>Minority owned &amp; managed</b>	4	8	8	13	7	5	No program	7	No program	7	\$7,872,474
<b>Total</b>	<b>10</b>	<b>22</b>	<b>23</b>	<b>23</b>	<b>19</b>	<b>16</b>		<b>18</b>		<b>23</b>	<b>\$13,614,486</b>

*Business Insolvencies*

Businesses that have received investment (563 from 2010 through 2021) pursuant to the program also report when they cease operations and/or become insolvent, should this occur within five years of the last Angel Tax Credit Program investment. Table 6 lists the number of businesses that reported they no longer had operations:



**Table 6 – Number of Businesses that have Ceased Operations which participated in the Angel Tax Credit Program, 2012-2021**

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Total
<b>Number of businesses no longer operating:</b>	1	4	11	12	10	4	7	12	2	3	2	68

*Job Creation*

Businesses provide employment figures at the time of certification and in their year-end annual reports; only those businesses that received investments pursuant to the program file annual reports.

Businesses have a five year annual reporting requirement and as a result, those businesses which—through the angel program--received investment only in 2010 through 2016, the first seven years of the program, no longer file annual reports and thus no longer report job creation numbers. Businesses that filed their annual report by March 9, 2022 reported that in 2021, net job creation for the year was 155 direct positions:

- 279 positions were newly created by 71 businesses
- 124 positions were eliminated by 23 businesses

Note that many businesses neither created nor eliminated any jobs in 2021. Since the program’s inception, participating businesses have created 2,262 direct jobs from the period 2010-2021.

Prior to 2013, businesses reported only on jobs they directly created, meaning only employees that they had on their payroll who received W-2s. Because legislators and other interested parties sought additional job creation information, beginning with 2013 business annual reports, DEED has asked businesses to report on the number of contract workers, consultants, agency staffers and others they have indirectly hired. These numbers, although not necessarily precise, provide a more complete indication of the total number of jobs created by these businesses and reflect the reality that start-up businesses frequently contract for workers before adding employees to their permanent payrolls.

Businesses that filed their annual report by March 9, 2022 reported that in 2021, they employed 694 contract workers (“indirect hires”). Table 7 provides employment information related to businesses that received investments pursuant to the program.

**Table 7 – Job Creation by Businesses Receiving Qualifying Investment Pursuant to the Angel Tax Credit Program, 2010-2021**

	Direct Jobs Created	# of Indirect Hires	Total Jobs Created
Job Creation in 2021:	155	694	849
Total Direct Job Creation 2010-2021:	2,262		
Estimated annual gross wages of 2,262 direct jobs*:	\$104,920,608		

\*at 2021 program wage minimum

## Number and Value of Credits Issued

Angel tax credits are issued directly to investors, whether they invest in qualified businesses individually or through an investment fund. In 2021, 611 credit certificates, valued at over \$9.8 million, were issued for 2021 investments. In accordance with the Angel Tax Credit Program statute, any unused credit allocations are rolled forward to the following year's program. Because the 2010 program was in operation for only six months, there was a significant carryover of credits from 2010 to 2011.

**Table 8 – Investors, Individual and Fund Members, Utilizing Angel Tax Credit Program, 2021**

Number of individual certified investors who made investments:	432
Number of investors in certified funds who made investments:	179
De-duplicating individual investors who also invested using funds:	0
Total number of investors to whom credits were issued in 2021:	611

**Table 9 – Angel Tax Credits Appropriated, Available, and Issued, 2010-2021**

2010 credit appropriation:	\$11,000,000
2010 credits issued:	\$7,005,808
2010 credits unused and rolled over to 2011 program:	\$3,994,192
2011 credit appropriation:	\$12,000,000
2011 credits available:	\$15,994,192
2011 credits issued:	\$15,787,196
2011 credits unused and rolled over to 2012 program:	\$206,996
2012 credit appropriation:	\$12,000,000
2012 credits available:	\$12,206,996
2012 credits issued:	\$11,415,751
2012 credits unused and rolled over to 2013 program:	\$791,245
2013 credit appropriation:	\$11,900,000
2013 credits available:	\$12,691,245
2013 credits issued:	\$12,365,229
2013 credits unused and rolled over to 2014 program:	\$356,016
2014 credit appropriation:	\$12,000,000
2014 additional credit appropriation:	\$3,000,000
2014 credits available:	\$15,356,016
2014 credits issued:	\$13,841,673
2014 credits unused and rolled over to 2015 program:	\$992,586*
2015 credit appropriation:	\$15,000,000

2015 credits available:	\$15,992,586
2015 credits issued:	\$15,542,608
2015 credits unused and rolled over to 2016 program:	\$449,978
2016 credit appropriation:	\$15,000,000
2016 credits available:	\$15,449,978
2016 credits used:	\$14,723,711
2016 credits unused and rolled over to 2017 program:	\$726,267
2017 credit appropriation:	\$10,000,000
2017 credits available:	\$10,726,267
2017 credits used:	\$10,723,963
2017 credits unused and redistributed:	\$2,304
2018: No program	
2019 credit appropriation:	\$10,000,000
2019 credits available:	\$10,000,000
2019 credits used:	\$9,774,038
2019 credits unused and rolled over to 2021 program:	\$225,962
2020: No Program	
2021 credit appropriation:	\$10,000,000
2021 credits available:	\$10,225,969
2021 credits used:	\$9,890,026
2021 credits unused and rolled over to 2022 program:	\$316,881

\*adjusted to account for past years post-closing under and overages

An allocation of a tax credit means that an applied for amount of credits are reserved for a proposed investment transaction. These proposed transactions must occur within 60 days or by December 31, or the credit allocation is cancelled; once the program has allocated all the year's tax credits, any allocated but unused credits were rolled over into the next year except in 2017, when the unused credits were redistributed to those who had received partial distributions due to the fact that the program had not at that time been authorized to operate in future years.

Starting in 2015, the program has had two separate credit accounts. In 2021, \$5.0 million in credits were reserved for investments in minority and women-owned and managed businesses and in businesses located in Greater Minnesota. The other half of the credits, \$5.0 million, were available for investments in any certified business. The reserved credits, as designated by statute, remained reserved until September 30, at which date the remaining \$1.7 million became available for investments in any certified business. On December 31, \$60,000 of the initial \$10 million in credits had not been used and rolled over to the 2022 program year.

## Recipients of Credits

Investors can participate in the program as individual certified investors, as investors in certified investment funds, or both. Investors must be certified before they make an investment in a certified business for that investment to qualify for the Angel Tax Credit. In 2021, 501 investors were certified, of which 432 actually made an investment in a qualified business. 22 funds were certified in 2021, 16 of which (representing 179 investors) made investments in a qualified business. See Table 10 for a complete breakdown.

**Table 10 – Investors and Funds Participating in the Angel Tax Credit Program, 2010-2021**

<b>Investor Participation:</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>
Number of individual investors certified	275	623	511	484	572	619	655	572	No Program	401	No Program	501
Number of individual investors who made investments	258	563	465	452	485	538	555	500	No Program	342	No Program	432

<b>Fund Participation:</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>
Number of investment funds certified	5	21	19	21	29	27	26	29	No Program	20	No Program	22
Number of investment funds that made investments	4	21	17	20	27	23	19	28	No Program	18	No Program	16
Number of investors in funds that made investments	32	195	191	199	327	279	251	265	No Program	227	No Program	179

Minnesota’s Angel Tax Credit is a refundable credit, meaning that if an investor has limited or no Minnesota state tax liability, the difference or the whole credit amount is refunded to the investor. This feature of the program, which only a few of the approximately 24 states having angel programs, provides the opportunity for non-Minnesotans to make equity investments in Minnesota businesses and be eligible for the credit. The average investment per investor in 2021 was \$64,748, including those investors who invested through a fund.

**Table 11 – Average Investment and Credit Amounts  
Angel Tax Credit Program, 2010-2021**

	2010	2011	2012	2013	2014	2015	2016	2017	2019	2021
Average investment per investor:	\$96,300	\$83,310	\$73,723	\$80,665	\$50,028	\$86,183	\$73,160	\$88,950	\$79,080	\$64,748
Average credit amount per investor:	\$24,075	\$20,827	\$18,236	\$19,690	\$11,587	\$19,024	\$18,290	\$21,448	\$17,178	\$16,187

Minnesota’s Angel Tax Credit Program spurs substantial investment in Minnesota businesses by non-Minnesotans. In 2021, non-Minnesotan investors accounted for 40 percent of overall investment, this is consistent with the 40% observed in 2019, 53% in 2017, 42% in 2016, 40% in 2015, 33% in 2014, 31% in 2013, 28% in 2012, 27% in 2011, and 22% in 2010. Non-Minnesotan investors include one from out of the country, London. See Table 12 for additional information.

**Table 12 – Location of Investors Making Qualifying Investment  
in Qualified Businesses in the Angel Tax Credit Program, 2021**

	Minnesotans				Non-Minnesotans	
	Metro		Gtr MN			
Number of Investors <sup>1</sup>	353	58%	41	7%	217	35%
Amount of Investment <sup>2*</sup>	\$21,754,540	55%	\$2,323,144	5%	\$15,482,420	40%

<sup>1</sup>Includes individual investors and fund investors, de-duplicated

<sup>2</sup>Includes individual investments and fund investments

\*at 2020 program wage minimum \$22.30 per hour

For a list of 2021 certified investors, see Appendix D.

For a list of 2021 certified funds, see Appendix E.

## Number and Value of Credits Revoked

Investors may have their Angel Tax Credits revoked and recaptured if they do not meet program requirements outlined in statute. For 2021, \$325,069 in credits have been revoked and \$1,205,600 in credits are subject to possible revocation and/or repayment due to investors and businesses not meeting the following program requirements. Since the inception of the program in 2010, \$3,771,170 credits have been revoked of over \$120.9 million issued.

On April 1, 2020, \$1,169,840 in credits were revoked due to businesses, investors and funds failing to file their 2020 annual report.

For 2021, \$15,688 in credits were revoked due to investors failing to hold their investment for three years.

For 2021, \$428,752 in credits were exempted from the three-year investment holding requirement for meeting one of the five allowed exemptions. These exemptions are:

- The investment became worthless (5 investments, \$426,252 in credits)
- 80% of the business assets were sold (0 investments, \$0 in credits)
- The business was sold (0 investments, \$0 in credits)
- The business' common stock began trading on a public exchange (0 investment, \$0 in credits)
- Death of the investor (1 Investment, \$2,500 in credits)

Six businesses were subject to a penalty of the amount or portion of credits issued for investments made in that business because they failed to maintain at least 51% of their employees and/or payroll in Minnesota. The penalty total is potentially \$309,381. The penalty amount for this failure begins at 100% of the credits issued and declines 20% for each year for five years, after which the penalty ends.

Eleven businesses were subject to repayment of the amount of credits issued for investments made in their business because they failed to file and pay their 2021 business annual report. The repayment total is potentially \$481,013. The repayment total amount for this failure begins at 100% of the credits issued and declines 20% for each year for five years, after which the repayment ends.

Thirty nine individual investor's credits were revoked because they failed to file and pay their 2021 investor annual report. The revocation total is potentially \$714,587.

Three individual investor's credits were revoked because one fund failed to file and pay its 2021 fund annual report. The revocation total is potentially \$10,000.

## Program Financing and Costs

The Angel Tax Credit Program's operations are funded by program fees. Fees are collected at the time of certification application and upon submission of annual reports. Fee income in 2021 was derived from the sources identified in Table 13:

**Table 13 – Fee Income  
Angel Tax Credit Program, 2021**

Investor certification fees (\$350):	\$179,900
Fund certification fees (\$1,000):	\$24,000
Business certification fees (\$150):	\$24,750
Annual Reports (\$100):	\$105,750
Total	\$334,400

Total program administration costs in 2021 were over \$244,000, as reported in Table 14. Revenue in excess of expenses will be carried forward to cover program planned IT enhancements to improve customer service. The 2021 cost reflect staffing needs, revisions to and maintenance of the program’s operations tracking database, and miscellaneous expenses. The program used approximately 2.0 FTE staff for most of 2021.

**Table 14 – Expenses  
Angel Tax Credit Program, 2021**

Staff Salaries	\$180,775.14
Information Technology Development	\$21,635.34
Indirect Costs, Agency & State	\$31,417.98
Other (space rental, utilities, etc.)	\$10,618.21
Total	\$244,446.67

## **Program Changes**

### *Legislative Modifications*

From its inception, the program has worked closely with stakeholders in the angel community to maximize emerging business growth in Minnesota. The community recommended minor adjustments to the program in 2011, and the department proposed and helped pass these changes:

- a lower, separate wage minimum for interns
- modified the membership requirements for funds, allowing funds to have non-natural person members
- increased the maximum equity qualification limitation for businesses from \$2 million to \$4 million
- In 2013, the department proposed, with community support, and the legislature passed four additional changes:
- increasing the years in operation maximum for medical device and pharmaceutical business requiring lengthy FDA approval to 20 years, up from 10 years for other businesses
- disqualifying business whose securities are publicly traded
- disqualifying investments that take place within 180 days of a liquidation event
- permitting the department to make public basic contact and descriptive information about businesses certified to participate in the program

In 2014, the department proposed increased funding of tax credits for the program. The legislature passed these changes:

- Increased tax credit funding from \$12 million to \$15 million per year
- Changed the program's sunset from 2014 to 2016
- Added death of the investor as an additional exemption to the three year investment holding requirement
- Required the department to develop a plan to increase awareness of the program by businesses located in Greater Minnesota and women-owned and minority-owned businesses

In addition, the 2014 legislature passed changes that affected the program in 2015:

- \$7.5 million in tax credits were reserved for investments in targeted businesses (those located in Greater Minnesota and women-owned and minority-owned businesses) until September 30
- Expanded the types of businesses became eligible to participate in program, including those researching or developing a proprietary product, process, or service in the fields of agriculture, tourism, forestry, mining, manufacturing, or transportation; this new type has no technology requirement, as do the other allowed types
- Officers, principals, and 20% or more owners, and their families, were made ineligible for the tax credit for investments in their business

The 2016 legislature made these changes to the program:

- Required for businesses to be certified that at least 51% of the value of their service contracts be performed in Minnesota
- Expanded investor certification eligibility to include investing through MNvest
- Reduced tax credit funding from \$15 million to \$10 million for 2017

The 2019 legislature made these changes to the program:

- Reduced the minimum investment from \$10,000 to \$7,500 for individual investors investing in businesses that are veteran-owned, minority-owned, women-owned or located in Greater Minnesota
- Reduced the annual report late filing penalty from \$500 to \$100 for annual report not filed by February 1 and authorized the revocation of credits granted to those who fail to an annual report by April 1

## **Partnerships**

The department has developed strong partnerships with a number of organizations that promote angel investing and business development within Minnesota. The department actively works with the Launch Minnesota program, Minnesota Technology Association, Medical Alley, the Minnesota Cup, AngelPolleNation, Gopher Angels, the University of Minnesota Venture Center, University Enterprise Laboratories (UEL), the Economic Development Association of Minnesota (EDAM) and other state and regional organizations seeking to facilitate the growth of the angel investment community in Minnesota.

## **Closing**

If you have any questions or comments regarding this report, please contact Stephen Wolff, Interim Manager of Business Tax Benefits and Angel Tax Credit Program, at 651.259.7415 or [Stephen.wolff@state.mn.us](mailto:Stephen.wolff@state.mn.us), or Jeff Nelson, Interim Director of the Office of Business Finance, at 651.259.7523 or [jeff.m.nelson@state.mn.us](mailto:jeff.m.nelson@state.mn.us).



# Appendix A

## Minnesota Angel Tax Credit

### List of Qualified Businesses

The following businesses have been certified as Qualified Businesses under Minnesota Statute 116J.8737. This certification solely means that Minnesota Department of Employment and Economic Development (DEED) has found that each business meets the qualifications specified in Subdivision 3 of the statute and that each business is therefore eligible to participate in DEED’s Angel Tax Credit Program.

#### 2021 Qualified Businesses

Legal Name	County	Industry Type
2040 Energy Inc.	Hennepin	Clean Technology
ABV Technology, Inc.	Ramsey	Food/Drink
Activarium, LLC	Hennepin	Healthcare Services
Adapt Fitness	Hennepin	Software
Agitated Solutions, Inc.	Washington	Medical Devices and Equipment
AI App Store Inc	Hennepin	Software
AMBIENT INTELLIGENCE INCORPORATED	Hennepin	Medical Devices and Equipment
Anatomic Incorporated	Hennepin	Biotechnology
Apply First	Ramsey	Business Products and Services
ARI Acquisition Corp.	Hennepin	Electronics/Instrumentation
Astrin Biosciences Inc	Hennepin	Medical Devices and Equipment
Azuro Bio, Inc.	Hennepin	Medical Devices and Equipment
Becoming Machinic Inc.	Hennepin	Internet/Web Services
BenchK12 Inc.	Hennepin	Software
Binary Bridge, SBC	Hennepin	Software
BioMagnetic Sciences	Hennepin	Medical Devices and Equipment
Biovisics Medical Inc.	Wright	Medical Devices and Equipment
Blue Water Farms	Goodhue	Food/Drink
BlueCube Bio Inc.	Hennepin	Biotechnology
Breathe99 PBC	Hennepin	Medical Devices and Equipment
Brevity	Hennepin	Software
Brother Justus Whiskey Co.	Hennepin	Food/Drink
Bus Stop Mamas	Ramsey	Business Products and Services
Buzz360, LLC	Hennepin	Marketing/Advertising
Canomiks, Inc.	Olmsted	Business Products and Services
Cerovations	Ramsey	Medical Devices and Equipment
CHANL HEALTH INC	Hennepin	IT Services
Civic Eagle	Ramsey	Software
Clark Technology, LLC	Hennepin	Clean Technology

CoraVie Medical Inc	Hennepin	Medical Devices and Equipment
Cornerstone Resources, LLC	Hennepin	Clean Technology
Coverlease, Inc.	Washington	Software
COVR Medical, LLC	Olmsted	Medical Devices and Equipment
Crotega, LLC	Hennepin	Other
D'Avocado, Inc	Hennepin	Food/Drink
Darcy Solutions, Inc.	Hennepin	Clean Technology
EGG Medical, Inc.	Ramsey	Medical Devices and Equipment
EmpNia Incorporated	Hennepin	Medical Devices and Equipment
Encore Medical, Inc.	Dakota	Medical Devices and Equipment
Ethos Impact Inc.	Hennepin	Clean Technology
Eva Medtec, Inc	Hennepin	Medical Devices and Equipment
F2F, Inc.	Rice	Food/Drink
Fairway Play, Inc.	Dakota	Software
Focus Labs, LLC	Ramsey	Consumer Products and Services
Food Chain Management, Inc.	Washington	Business Products and Services
Forever Ware Inc.	Hennepin	Other
FreeNav, Inc	Ramsey	Electronics/Instrumentation
Frontline Biotechnologies Inc.	Ramsey	Biotechnology
GenEQTY LLC	Hennepin	Software
Global Graphic Solutions, LLC	Hennepin	Business Products and Services
GRIP Molecular Technologies, Inc.	Ramsey	Medical Devices and Equipment
Guardian School Security System SBC	Hennepin	Other
Gwoop Inc.	Hennepin	Gaming
HealthMed, Inc.	Dakota	Healthcare Services
Heavy Blade LLC	Hennepin	Gaming
Hello Temp, Inc.	Hennepin	Software
hoodo	Hennepin	Business Products and Services
Humble Nut Butter	Hennepin	Food/Drink
i-Lumen Scientific, Inc	Hennepin	Medical Devices and Equipment
Idea Holdings LLC	Ramsey	Software
InControl Health Inc	Olmsted	Medical Devices and Equipment
InControl Health Inc	Olmsted	Medical Devices and Equipment
Infinite Reality, LLC	Washington	Software
inFormed Consent LLC	Hennepin	Healthcare Services
Innomedex, LLC	Hennepin	Medical Devices and Equipment
Integrated Governance Solutions, LLC	Hennepin	Business Products and Services
itonastick LLC	Ramsey	Electronics/Instrumentation
iPondr, SBC	Hennepin	Media and Entertainment
Isola Therapeutics, Inc	Hennepin	Medical Devices and Equipment
JockLab	Hennepin	Consumer Products and Services

JourneyTellr, Inc.	Hennepin	Software
Juniper Health	Hennepin	Healthcare Services
Klink Klink, LLC	Hennepin	Business Products and Services
Laplace Interventional, Inc.	Hennepin	Medical Devices and Equipment
Leadferno, LLC	Wright	Internet/Web Services
LearnYour WorkLife Inc.	Hennepin	Business Products and Services
LegalQ, Inc.	Hennepin	Software
LifEngine Animal Health Laboratories Incorporated	Olmsted	Biotechnology
Lite Run Inc	Ramsey	Medical Devices and Equipment
Live.Give.Save., Inc.	Goodhue	Software
Luminary Therapeutics Inc	Hennepin	Biotechnology
Mallbooster, LLC	Hennepin	Consumer Products and Services
Martell Diagnostic Laboratories, Inc.	Ramsey	Biotechnology
Melodi Health, Inc.	Hennepin	Medical Devices and Equipment
Mezmira, Inc.	Hennepin	Internet/Web Services
MFr Technologies	Hennepin	Medical Devices and Equipment
MIIR Audio Technologies, Inc.	Hennepin	Software
Morari, Inc.	Hennepin	Medical Devices and Equipment
Motherland Dairy LLC	Goodhue	Other
My Logistics Solutions, Inc.	Hennepin	Software
MyFormulary, LLC	Hennepin	Software
NanoVault Medical	Ramsey	Medical Devices and Equipment
Netzro SBC	Hennepin	Food/Drink
Neuro Rehab Systems, LLC	Ramsey	Medical Devices and Equipment
Nexyst 360, Inc.	Benton	Business Products and Services
NightWare	Hennepin	Medical Devices and Equipment
Northern Diversified Solutions LLC	Hennepin	Food/Drink
Nucleic Sensing Systems, LLC	Ramsey	Biotechnology
Odonata Health, Inc.	Washington	Medical Devices and Equipment
Oncodea Corporation	Ramsey	Biotechnology
Pelvital USA, Inc.	Hennepin	Medical Devices and Equipment
Pneumeric Inc.	Olmsted	Biotechnology
Poma 22, LLC	Dakota	Other
Proserva, Inc.	Hennepin	Education
ProsperStack, Inc.	Hennepin	Internet/Web Services
Q-rounds LLC	Hennepin	Software
QuB LLC	Washington	Consumer Products and Services
r.Cup, LLC	Hennepin	Clean Technology
Radwave Technologies Inc.	Ramsey	Medical Devices and Equipment
Raise a Hood, Inc.	Hennepin	Consumer Products and Services

Ready Okay LLC	Ramsey	Software
REAL ESTATE COLLABORATION SERVICES, LLC	Hennepin	Internet/Web Services
Respiratory Sciences Inc	Hennepin	Medical Devices and Equipment
Runerra Technologies Inc	Hennepin	Software
Sanos Nutrition LLC	Polk	Biotechnology
Sarcio, Inc.	Dakota	Biotechnology
Sasya Inc	Ramsey	Biotechnology
See A Star Labs, Inc.	Hennepin	Software
SHYLD Inc	Hennepin	Software
Simpliconnect, Inc.	Hennepin	Software
SLP Green Energy, LLC	Hennepin	Clean Technology
Solid Concrete Sensors Inc.	Hennepin	Other
Sparrow Marketing, Inc	Anoka	Software
Sproutout Inc	Dakota	Software
Still Not Cool LLC	Hennepin	Consumer Products and Services
Stratix Labs Corporation	Ramsey	Biotechnology
Subiomed, Inc.	Hennepin	Medical Devices and Equipment
TeamGenius Systems, Inc.	Chisago	Sports
Teqnizan Inc	Hennepin	Computers and Peripherals
Thinking Engines, Inc.	Hennepin	Software
Thrivors Inc	Ramsey	Healthcare Services
Travel Labs, Inc.	Hennepin	Software
TRUMOTIVATE LLC	Carver	Education
Tychon Biosciences Inc	Hennepin	Biotechnology
TypeDuo LLC	Ramsey	Computers and Peripherals
UR TURN, SBC	Hennepin	Education
Vail Scientific LLC	Dakota	Medical Devices and Equipment
Vessyll	Ramsey	Clean Technology
VirusTech Systems, Inc.	Hennepin	Medical Devices and Equipment
Visionx LLC	Hennepin	Medical Devices and Equipment
Visyn, Inc.	Hennepin	Education
Wahi Nutrition, Inc.	Hennepin	Food/Drink
WAY2B, LLC	Hennepin	Food/Drink
We Sparkle Co.	Hennepin	Software
xDot Medical Inc	Hennepin	Medical Devices and Equipment
ZESA, LLC	Hennepin	Consumer Products and Services

## Appendix B

### Minnesota Angel Tax Credit List of Credits Issued

The following businesses have received investments in 2021 that qualified for the Minnesota Angel Tax Credit pursuant to Minn. Stat. 116J.8737. Issuance of these credits solely means that Department of Employment and Economic Development (DEED) has found that the investment meets the requirements specified in the statute and that the qualified investor or qualified fund's investors are being awarded tax credit certificates under DEED's Angel Tax Credit Program. Minn. Stat. 116J.8737, Subd. 8, paragraph (a) designates this as public data.

<b>Business Name</b>	<b>Investment Amount</b>	<b>Tax Credit Amount</b>
2040 Energy Inc.	\$ 70,000	\$ 17,500
ABV Technology, Inc.	\$ 1,660,100	\$ 415,025
Activarium, LLC	\$ 50,000	\$ 12,500
Agitated Solutions, Inc.	\$ 509,462	\$ 127,354
Anatomic Incorporated	\$ 24,999	\$ 6,250
Astrin Biosciences Inc	\$ 4,000,000	\$ 1,000,000
Binary Bridge, SBC	\$ 122,500	\$ 30,625
Biovisics Medical Inc.	\$ 105,000	\$ 26,250
Brevity	\$ 150,000	\$ 37,500
Brother Justus Whiskey Co.	\$ 2,502,379	\$ 619,347
Buzz360, LLC	\$ 25,000	\$ 6,250
Canomiks, Inc.	\$ 66,021	\$ 16,499
CHANL HEALTH INC	\$ 40,000	\$ 10,000
CoraVie Medical Inc	\$ 1,152,486	\$ 288,131
Cornerstone Resources, LLC	\$ 430,000	\$ 107,500
Coverlease, Inc.	\$ 50,000	\$ 12,500
COVR Medical, LLC	\$ 250,300	\$ 62,575
Crotega, LLC	\$ 255,500	\$ 63,875
D'Avocado, Inc	\$ 300,000	\$ 75,000
EGG Medical, Inc.	\$ 733,705	\$ 183,426
Encore Medical, Inc.	\$ 1,389,999	\$ 347,499
Ethos Impact Inc.	\$ 50,000	\$ 12,500
Eva Medtec, Inc	\$ 10,000	\$ 2,500
F2F, Inc.	\$ 1,375,000	\$ 343,750
Food Chain Management, Inc.	\$ 52,000	\$ 13,000
FreeNav, Inc	\$ 200,000	\$ 50,000

GenEQTY LLC	\$ 25,000	\$ 6,250
Global Graphic Solutions, LLC	\$ 200,000	\$ 50,000
GRIP Molecular Technologies, Inc.	\$ 1,255,000	\$ 313,750
Guardian School Security System SBC	\$ 1,775,500	\$ 443,875
Gwoop Inc.	\$ 213,740	\$ 53,422
HealtheMed, Inc.	\$ 100,000	\$ 25,000
Heavy Blade LLC	\$ 175,000	\$ 43,750
Humble Nut Butter	\$ 15,000	\$ 3,750
Innomedex, LLC	\$ 300,000	\$ 75,000
Integrated Governance Solutions, LLC	\$ 350,000	\$ 87,500
iPondr, SBC	\$ 686,521	\$ 171,631
Laplace Interventional, Inc.	\$ 205,000	\$ 51,250
LearnYour WorkLife Inc.	\$ 112,561	\$ 28,603
LifEngine Animal Health Laboratories Incorporated	\$ 306,719	\$ 76,679
Luminary Therapeutics Inc	\$ 875,000	\$ 218,750
Martell Diagnostic Laboratories, Inc.	\$ 275,000	\$ 68,750
Melodi Health, Inc.	\$ 1,600,000	\$ 400,000
MFR Technologies	\$ 110,000	\$ 27,500
MIIR Audio Technologies, Inc.	\$ 92,000	\$ 23,000
Morari, Inc.	\$ 924,021	\$ 231,006
MyFormulary, LLC	\$ 275,000	\$ 68,750
Netzro SBC	\$ 185,000	\$ 46,250
Neuro Rehab Systems, LLC	\$ 250,000	\$ 62,500
Nexyst 360, Inc.	\$ 310,000	\$ 77,500
NightWare	\$ 50,000	\$ 12,500
Northern Diversified Solutions LLC	\$ 1,000,000	\$ 250,000
Odonata Health, Inc.	\$ 2,495,500	\$ 623,883
Oncodea Corporation	\$ 100,000	\$ 25,000
Pelvital USA, Inc.	\$ 1,142,477	\$ 285,620
Proserva, Inc.	\$ 249,582	\$ 62,395
ProsperStack, Inc.	\$ 97,518	\$ 24,373
QuB LLC	\$ 117,000	\$ 29,250
r.Cup, LLC	\$ 1,127,500	\$ 281,875
Radwave Technologies Inc.	\$ 465,000	\$ 116,250
Raise a Hood, Inc.	\$ 415,000	\$ 103,750
Ready Okay LLC	\$ 80,000	\$ 20,000
Respiratory Sciences Inc	\$ 548,053	\$ 137,013
Sarcio, Inc.	\$ 795,303	\$ 198,847
See A Star Labs, Inc.	\$ 10,340	\$ 2,585
SHYLD Inc	\$ 150,000	\$ 37,500
Simpliconnect, Inc.	\$ 235,000	\$ 58,750

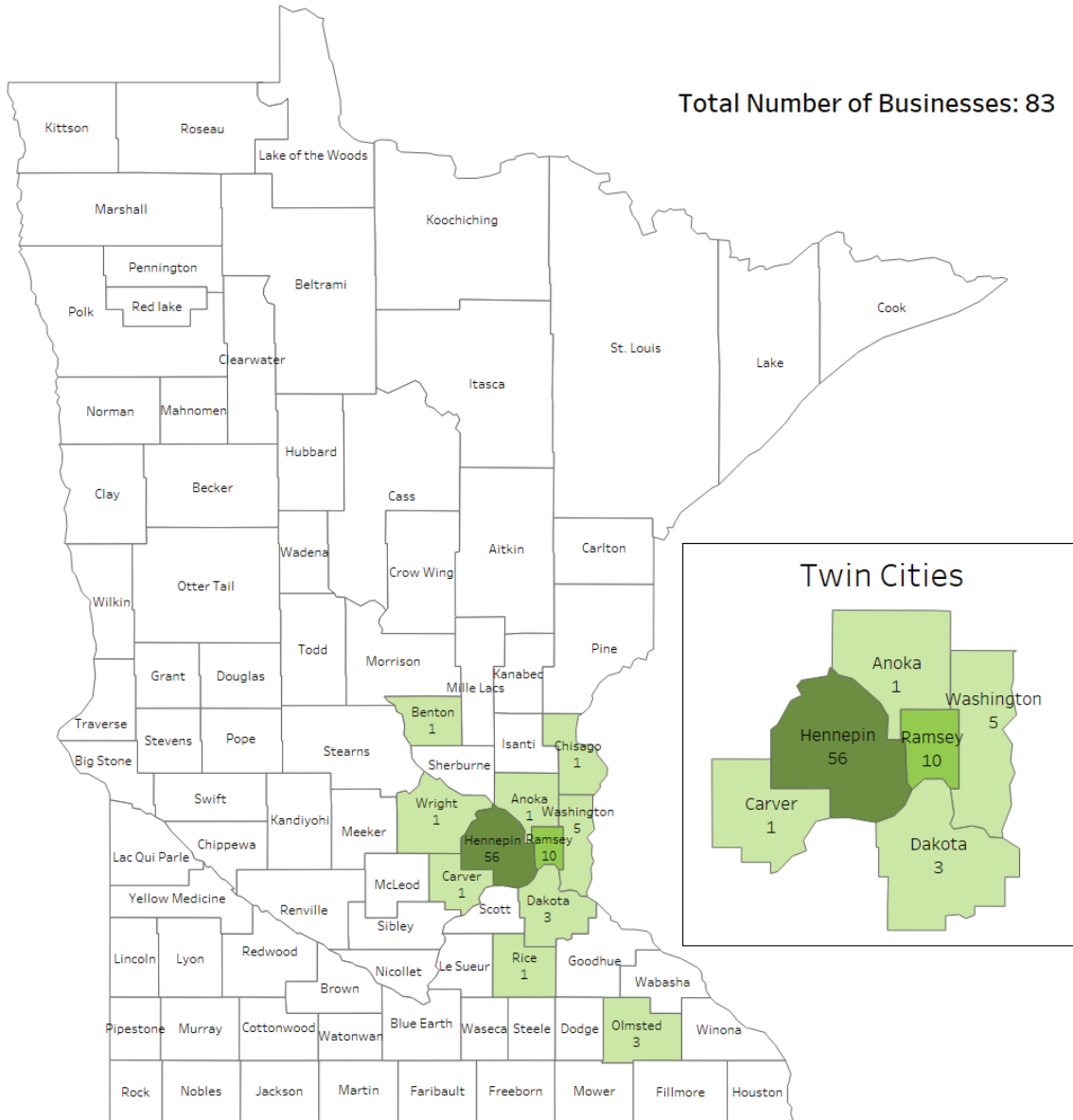
Sparrow Marketing, Inc	\$ 20,000	\$ 5,000
Stratix Labs Corporation	\$ 772,112	\$ 193,029
Subiomed, Inc.	\$ 503,550	\$ 125,888
TeamGenius Systems, Inc.	\$ 150,000	\$ 37,500
Teqnizan Inc	\$ 60,000	\$ 15,000
Thinking Engines, Inc.	\$ 400,000	\$ 100,000
Travel Labs, Inc.	\$ 90,000	\$ 22,500
TRUMOTIVATE LLC	\$ 340,250	\$ 85,063
ViruTech Systems, Inc.	\$ 324,000	\$ 81,000
Visionx LLC	\$ 326,000	\$ 81,500
Visyn, Inc.	\$ 275,000	\$ 68,750
Wahi Nutrition, Inc.	\$ 105,000	\$ 26,250
WAY2B, LLC	\$ 400,000	\$ 100,000
We Sparkle Co.	\$ 105,740	\$ 26,422
xDot Medical Inc	\$ 412,891	\$ 103,211
ZESA, LLC	\$ 30,000	\$ 7,500

# Appendix C

## Minnesota Angel Tax Credit

### Maps of Business Distribution

Businesses Receiving Angel Tax Credits (2021)



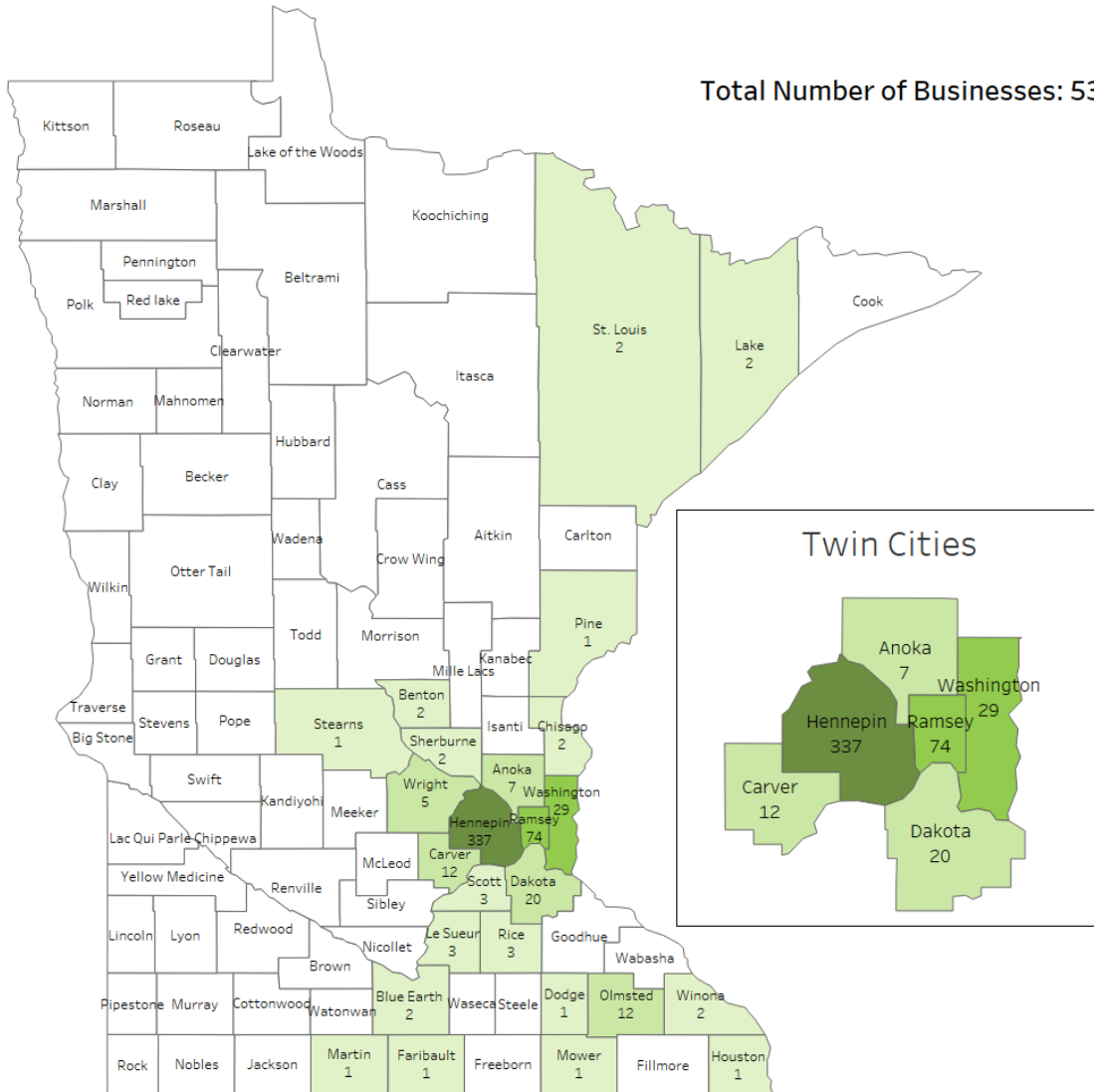
Created by Jocelyn Rousey  
 Economic Analysis Unit  
 March 2022





## Businesses Receiving Tax Credits (2010-2021)

Total Number of Businesses: 531



Created by Jocelyn Rousey  
Economic Analysis Unit  
March 2022



## Appendix D

### Minnesota Angel Tax Credit List of Qualified Investors

The following investors have been certified as Qualified Investors under Minnesota Statute 116J.8737. This certification solely means that Minnesota Department of Employment and Economic Development (DEED) has found that each investor meets the qualifications specified in Subdivision 3 of the statute and that each investor is therefore eligible to participate in DEED's Angel Tax Credit Program.

#### 2021 Qualified Investors

Bret Abbott	Keith Bares	Jandeen Boone
Nick Abel	Christopher Barnes	Benjamin Bowman
Thomas Adamson	Giancarlo Barolat-Romana	Mark Boxer
Sara Adler	Anthony Barr	Jefferson Brand Jr
Craig Agneberg	Martin Barry	Brian Brasch
Gerald Allen	Noah Barsky	Peter Brasket
K Tucker Andersen	Jason Bauer	Gordon Bredenberg
Amy Anderson	Karen Beachy	Rebecca Brindle
Andrew Anderson	James Bedore	Richard Broms
Brian Anderson	Stuart Bell	Paul Brown
David Anderson	Dawn Benson	Kanesha Bryant
Karl Anderson	Edward Bergmark	Brett Bullock
Gregory Aplin	Kendig Bergstresser	Scott Bullock
Michael Arneson	James Best	Timothy Bullock
Michael Ashton	Laurence Betterley	Terrence Bunge
Katherine Baarsch	Sean Blanton	Gabriela Caceres
Mary Jo Baarsch	Scott Boedigheimer	John Cameron
Robert Bailey	Lori Boisclair	Christopher Carey
Ramseshan Balasubramanian	Steven Bolling	Ryan Cari
Cindy Banchy	Jennifer Bolt	Brian Carion

Brian Cassell	James Dixon	Randy Feld
Roger Cayce	Brian Doherty	Gabriel Fierro-Fine
Ty Cayce	Joshua Doherty	Jeffrey Fischer
Paul Charchian	Louis Doth	Robert Fisher
Paul Cifelli	Christina Doty	Ann Flood
Andrew Cilek	Lisa Drake	Jacob Folks
Jay Clark	Scott Drees	John Foster
Timothy Clark	Tyler Duncan	Matthew Fremont-Smith
William Clark	Marvin Dyrstad	Ian Friendly
Anne Cohen	Erik Eckman	James Fritz
Michael Connealy	Peter Eckman	Jeffrey Fritz
Shannon Corpe	Allen Efron	Steve Fuchs
Daren Cotter	Johannes Egbers	Bernard Fulse
Frank Crowl	Kaye Ehlen	Ryan Gaetz
Lisa Crump	Douglas Eiden	Shubhagat Gangopadhyay
Ken Cryer	Klark Elder	R Joseph Garry
Frances Czaia	John Ellington	David Gartner
Dennis Daggett	Robert Else II	Kristin Gasteazoro
Nimish Dalal	Sidney Emery	Raul Gasteazoro
Apryll Davis	William English	Peter Geisert
Martyn Davis	Mark Erhard	Randy Gilbert
Paul Davis	Stan Erickson	Brian Ginkel
Regina Davis	Sheri Ettinger	Drew Glaubke
John Dell	Evan Everist	Franck Gougeon
Michael DeMane	Anna Fader	Paul Grangaard
Keshiv Desai	William Farley	John Grant
Mrugesh Desai	Richard Farrell	Scott Grausnick
Lucas Detor	Adedayo Fashoyin	Frederick Green
Christopher Didier	Thomas Fazio	Mark Gregg

Jeffrey Greiner	Loren Horsager	Edward Jordan
Aaron Grey	Rick Howe	Molly Joseph
Sofya Gruman-Reznik	Michael Hoxie	Mark Jossart
Jonathan Grunewald	Bryan Hughes	Keith Kalberer
Donald Hall	Steven Hughes	Alan Kamrath
Brad Hancock	Theodore Huppert	Christopher Kamrath
Eric Hanson	Michael Hurley	Nirmalkumar Kannankutty
Michelle Harris	David Hurrell	Martin Kanter
Kasey Hatzung	Jerome Hurwitz	John Kearns
David Haufe	Anthony Iannazzo	Erwin Kelen
Robert Hauser	Aneela Idnani	John Kennefick
Robert Hauser	Pedram Illbeigi	Brian Kerns
James Haymaker	Rollie Imdieke	Bryan Kiani
Andrew Hecker	Philip Isaacson	Donovan Kihlstadius
Alan Heit	Sridhar Iyengar	David King
Matthew Hemsley	Ronald Jackson	Jane King
Warren Herreid II	Harlan Jacobs	Robert Kirscht
Samuel Herzog	David Jacofsky	Scott Klettke
Thomas Heuer	John Jameson	Helen Knowles
Stephanie Hier	Wayne Jandik	Ravi Kumar Kodwani
John Higgins	Peter Jandric	Vikas Kodwani
Dean Hilgers	Kenneth Jarvis	Shawn Kowalewski
Robert Hill	Pembroke Jenkins	Harry Kraemer
John Hinz	Michael Johander	Mark Kranz
Andrew Hodges	Bruce Johnson	Paul Kroes
Nicole Hogan	Jay Johnson	Michael Krogh
Ann Holder	Michael Johnson	Roger Kruesel
Mitchum Holland	Michael Johnson	Stephen Kuehne
Mark Holm	Todd Johnson	Steve Kuhl

Michael Kujak	David Magnuson	Edmund Moore
Manu Kuppalli	James Mandel	Todd Mortier
Michael Kust	Joseph Mandel	Martin Morud
Natraj Lakshminarasimhan	Reed Mandel	Rick Moulton
Amy Langer	John Manion	John Murphy
Lynn Langit	Kyle Mansfield	Eric Navarro
Gregory Larson	Michael Marks	Cameron Neilsen
Keith Larson	John Mason	Michael Neitzel
Timothy Larson	Stanley Matos	Kimberly Nelson
Robert Lawson	Michael Mattis	Nancy Ness
Nicholas Leddy	Charles Maxwell	Shaivali Nicotra
Anders Lee	Timothy Mayes	Casey Nordendale
Neil Lee	Kevin McArdle	Nicholas Novak
Bradley Lehrman	Nathan McClanahan	Kevin O'Brien
Channon Lemon	Richard McCormick	James O'Hearn
James Lenfestey	James McCorquodale	Richard O'Leary
David Lenzmeier	Denise McGee	Michael Obrecht
Robert Leonard	Jon McGee	Scott Oelkers
James LeRoy	Scott McKinnon	James Olson
Arnout Lijesen	Peter McNerney	Mark Olson
Kirk Lindgren	Christine McRoberts	Jeffrey O'Neil
Daniel Linehan	Brent McVay	Eric Osmundson
Thomas Link	Christopher Meduri	Gary Otte
Barrett Little	David Melberg	David Owens
Kevin Liu	Michael Melnychuk	Thomas Pahl
Jason Livingston	Maureen Michalski	Thomas Palladino
Edward Ludwig	Gregory Miller	Gerald Papenfuss
Kristi Lynn	Phillip Minerich	Albert Parker
Brett MacKinnon	Shawn Mobley	Kevin Partelow

Louis Paster	Mika Raveala	Maria Salerno
Mehul Patel	Ganga Reddy	Mark Saliterman
Ryan Patrick	Praveen Reddy	Thomas Salonek
Carla Pavone	Tyler Reeder	Sirish Samba
Mark Payne	John Reid	Daniel Sampson
Jack Penzi	Peter Remes	Lynne Sanders
Glenn Perkins	Michael Reymann	John Santelli
Joseph Perra	Todd Richter	Shelley Santrach
Robert Petcavich	Trudy Richter	Michael Sarafolean
Seth Peter	Todd Riggs	Anthony Sarenpa
Cindi Peterson	David Riviere	Kerry Sarnoski
Donald Peterson	William Riviere Jr	Patricia Sauer
Fern Peterson	James Robbins	Randall Sayre
Nancy Peterson	Duane Roberts	Peter Scalia
Orlyn Peterson	Michael Roberts	Thomas Schaefer
Michael Pitstick	Judd Roby	Rachael Scherer
Jodi Plomedahl	Kyle Roling	John Scheuermann
Anita Plunkett	Wade Rosen	Arlin Schieve
John Pollock	Patrick Rosenstiel	Luke Schieve
Cory Polman	James Rossi	Stephen Schmich
Brady Priest	David Rowell	Steve Schmidt
Richard Primuth	Alan Rubin	Alissa Schneider
Alfred Pryor	Edward Rubin	Brian Schoenborn
Amy Purchase- Reid	Michael Rubin	Adam Schouten
Boris Rabinovici	Derek Rucker	Daniel Schreck
Tom Rabiola	Michael Rusinko	Robert Schulz
Charles Rahauer	Christopher Rust	Cyril Schweich
Jeffrey Rahm	John Sacco	Joel Seleskie
James Rappe	Craig Sahli	Thomas Sellars

Ann Senn	Judd Stevens	Anthony Ventura
Paula Sexton	John Strohfus	Vivek Vyas
Surendra Sharma	Shawn Sullivan	Shane Wall
Ashwin Shashindranath	Suresh Sundarababu	Shelly Wall
James Shaver	Jay Sunderman	Lola Walters
John Shaw	Angela Swanson	Chia Wang
Brian Sheldon	Craig Swanson	Cassandra Ward
Sanketh Shetty	Aaron Swingdorf	Damon Ward
Radhika Shroff	Shakul Tandon	Thomas Ward
Ronald Singer	Peter Tannenbaum	James Weaver
Raymond Skowyra	David Theis	Jeff Webb
C Daniel Smith	Scott Theisen	John Wells
Christopher Smith	James Thomas	Elizabeth Welsh
Jeffrey Smith	John Thomas	Seth Werner
Douglas Smith III	Mark Thompson	Ellen Wersan
Neil Smithson	Dennis Towne	John Whaley
Paul Sorajja	Minh Tran	Robert White
Lori Sorg	Tashitaa Tufaa	Brian Whited
Ralph Soule	T Turnquist	Richard Whitworth
Ryan Spanheimer	John Tuseth	Matthew Widule
Andrew Spilseth	Jonathan Twomey	Matthew Willms
Michael Spindler Jr	Bradley Tyer	Sheryl Willms
Dale Stamer	David Urbaniak	Clark Wilson
Michael Stamer	Thomas Van Dyck	Frederick Winston
Brian Stanley	David Vandam	Brian Wood
Milan Stanovich	Donald Vangsnes	Donald Woodruff
Jamez Staples	Carleton Vangsness	Diane Wright
Brian Steffens	Chandramouleeswaran Venkatesan	Timothy Yee
Allan Stevens		Bruce Yerigan

Kristine Yerigan

E Ted Yoch

Craig Yotter

Steven Young

Wei-Jing Zhu

Robert Ziebol

Richard Zimmerman

Richard Zimmerman



## Appendix E

### Minnesota Angel Tax Credit List of Qualified Funds

The following funds have been certified as Qualified Funds under Minnesota Statute 116J.8737. This certification solely means that Minnesota Department of Employment and Economic Development (DEED) has found that each fund meets the qualifications specified in Subdivision 4 of the statute and that each fund is therefore eligible to participate in DEED's Angel Tax Credit Program.

#### 2021 Qualified Funds

Traction Capital Focus Fund 1 LLC
GROOVE CAPITAL FUND I LP
Twin Ignition Ventures LLC
Capita3 Venture Fund I LP
DawkinsFamilyLLCTwo
AAD INVESTMENT AND MARKETING LLC
Callanish Capital Partners LP
UniteUS Ventures
Bear Woods, LLC
Omphalos Venture Partners, LLC
Invenshure Founders Fund I LP
Sol-Ton Capital Partners LLC
Norstar LLC
Fiper Ventures
Ettrick Woods Capital, LLC.
Twin Cities Angels III, LLC
Twin Ignition Ventures II, LLC
Starting Line Management, LLC
SG Farm LLC
5B Capital LLC
RTKM Investments LLC
Pelligrino LP