



Granite State Newsletter – September 2025

CONTENTS

MESSAGE FROM THE CHAIR.....	1
GRANITE STATE MEMBER MEETINGS	2
NEARBY SECTION EVENTS	3
ASQ CONFERENCES.....	3
GRANITE STATE CERTIFICATIONS.....	4
ASQ CERTIFICATION EXAM SCHEDULE ...	4
THE SEPTEMBER 2025 SLT MEETING	4
THE 2025 SLT	5
CALL FOR SLT MEMBERS	5
SECTION METRICS.....	5
SECTION DEMOGRAPHICS.....	6
CALL FOR SPEAKERS.....	7
CALL FOR AUTHORS.....	7
QUALITY QUESTION	8
PROFESSIONAL DEVELOPMENT	8

MESSAGE FROM THE CHAIR

ASQ dissolved the Pine Tree section. The members moved to Granite State with a significant increase in both the number of members and the geographic diversity. Granite State now has members living in Ireland, Cameroon, and Great Britain. The details are in the demographics section of the newsletter.

I sent a welcome letter to the members who transferred from Pine Tree and received some nice comments about the transition.

We are planning to hold at least one meeting in Maine (probably Portland) this year. We will announce the meeting when the plans are final.

Other sections are planning their fall meetings; information about some of the meetings is below. Granite State members are welcome to attend and earn RUs. Some of the meetings are on-line, so there is an opportunity to attend without travel.

The Vermont section is holding its first conference on September 15th-16th, 2025. Three members of Granite State are presenting, so Granite State has good representation.

We would like to know about members who have recently earned a new certification. Please contact Dan

O’Leary, the Section Chair, at doleary@memberleader.asq.org so we can announce your achievement in the Newsletter.

There are many opportunities to get involved. We need people to join the SLT, to speak at Membership Meetings, and to write Professional Development articles for this newsletter. To become involved please contact Dan O’Leary, the Section Chair, at doleary@memberleader.asq.org

Dan O’Leary CMDA, CQA, CQE, CRE, CSSBB



GRANITE STATE MEMBER MEETINGS

Tuesday September 23, 2025

Speaker: Sai Ranjith Ramakrishnan Kumar – Navigating SaMD: The Critical Role of QA in Software-Based Healthcare

Venue: Puritan Restaurant – Back Room – Manchester, NH

Networking: 5:30 pm to 6:00 pm

Dinner: 6:00 pm to 7:00 pm

Presentation: 7:00 pm to 8:00 pm

Thursday October 16, 2025

Speaker: Dan O’Leary – Predictive Supplier Evaluation

Venue: TBD This is a tentative meeting in Maine

Networking: 5:30 pm to 6:00 pm

Dinner: 6:00 pm to 7:00 pm

Presentation: 7:00 pm to 8:00 pm

Wednesday October 22, 2025

Joint Meeting with NH chapter of the Society of Manufacturing Engineers

Speaker: Chiara Pulice – AI and Counter Terrorism Case Study

Venue: Puritan Restaurant – Back Room – Manchester, N.H.

Networking: 5:30 pm to 6:00 pm

Dinner: 6:00 pm to 7:00 pm

Presentation: 7:00 pm to 8:00 pm

Thursday November 13, 2025

Speaker: TBD

Venue: TBD This is a tentative meeting in Maine

Networking: 5:30 pm to 6:00 pm

Dinner: 6:00 pm to 7:00 pm

Presentation: 7:00 pm to 8:00 pm

Tuesday November 18, 2025

Speaker: Lisa Greenleaf – NSAI as a Registrar

Venue: Puritan Restaurant – Back Room – Manchester, NH

Networking: 5:30 pm to 6:00 pm

Dinner: 6:00 pm to 7:00 pm

Presentation: 7:00 pm to 8:00 pm



NEARBY SECTION EVENTS

Merrimack Valley Section

Date & Time Sep 24, 2025 06:30 PM

Speaker: Priyank Patel – Transforming Lean Supply Chains with Digital Twins: A Quality Professional's Perspective

Venue: Zoom – Registration is Required

Registration: <https://us06web.zoom.us/meeting/register/uEUBd3nvQQOTf3OOOpJPZKg>

Worcester Section

Date & Time: September 18, 2025 at 12 PM

Speaker: Nital Zaveri – Navigating Industry 4.0 with the Smart Industry Readiness Index (SIRI) by Mr. Nital Zaveri

Zoom: <https://us02web.zoom.us/my/qpsinc> Meeting ID 7906904984

Registration: Not Required, 0.2 RU Certificate Will Be Provided

For More Info: Contact Jay P. Patel jayp@qpsinc.com

Worcester Section

Date & Time: October 16, 2025 at 12 PM

Speaker: Dr. Manu Vora – Sustainable Change Management for Excellence

Zoom: <https://us02web.zoom.us/my/qpsinc> Meeting ID 7906904984

Registration: Not Required, 0.2 RU Certificate Will Be Provided

For More Info: Contact Jay P. Patel jayp@qpsinc.com

Worcester Section

Date & Time: November 19, 2025 at 7:00 p.m. ET

Speaker: Ed May – "Supply Chain Excellence" Achieving Faster, Better, and Cheaper Operations Through Lean, AI, and Digital Technology in the New Economy

0.2 RU Certificate Will Be Provided

For More Info: Contact Jay P. Patel jayp@qpsinc.com

North Jersey Section

Date & Time: September 17, 2025 at 7:00 PM On line

Speaker: Greg Hutchins – AI Governance: US, Chinese, EU Approaches to AI

Registration: <https://www.asqnorthjersey.org/checkouts/cn/hWN2wADO17qKzDiznmxcbG1i/en-us>

ASQ CONFERENCES

VI International Quality Congress ASQ Latin America

September 17 – 18, 2025

Lima, Peru



Women in Quality Symposium
December 4, 2025 – On-line

Lean and Six Sigma Conference
February 22 - 24, 2026
Phoenix, AZ – In Person

World Conference on Quality & Improvement
May 17 - 20, 2026
Orlando, FL – In Person

For more information on these events go to <https://asq.org/events>

GRANITE STATE CERTIFICATIONS

If you recently received a new ASQ certification, please let us know. The Section would like to congratulate you in the newsletter. Send your name, the new certification, and your current certifications to Dan O'Leary doleary@memberleader.asq.org.

ASQ CERTIFICATION EXAM SCHEDULE

Certification: CQT, CQI, CRE, CFSQA, CMDA, CMQ/OE, CSSBB, CSSYB, CSQP

Application Deadline: August 11, 2025 Testing Window: September 1 - 30, 2025

Application Deadline: October 13, 2025 Testing Window: November 1 – 30, 2025

Application Deadline: December 8, 2025 Testing Window: January 1 - 31, 2026

Certification: CQA, CQE, CQIA, CSQE, CSSGB, CQPA, CCT, CPGP, CCQM

Application Deadline: September 8, 2025 Testing Window: October 1 - 31, 2025

Application Deadline: November 10, 2025 Testing Window: December 1 - 31, 2025

To apply, go to <https://www.asq.org/cert/dates>

Download the *ASQE Candidate Handbook and Application Process* from
<https://p.widencdn.net/j5hi1o/Certification-Candidate-Handbook>

THE SEPTEMBER 2025 SLT MEETING

Granite State members are welcome to participate in SLT meetings and to join the SLT. Contact Dan O'Leary doleary@memberleader.asq.org.

The Granite State SLT met on September 9, 2025.

- The section's account balance is \$12,750.44
- We have speakers lined up for the fall membership meetings in NH and for one of the planned meetings in ME
- We are planning a joint meeting with the NH Society of Manufacturing Engineers in October



- The September membership is 239 members, with new members and those transferred from the Pine Tree section
- The election is coming up. Members may nominate people for the Chair, Secretary, and Treasurer. Nominations require a petition signed by at least eight members. Petitions must be submitted by September 30, 2025.

THE 2025 SLT

Bharat Arora: Nominating

Chris Carr: Newsletter, Membership

Charlie Killam: Treasurer

Sarah Matloff: Secretary

Dan O'Leary: Chair, Arrangements, Education

Sai Ranjith Ramakrishnan: Programs

CALL FOR SLT MEMBERS

Granite State is always on the lookout for members who want to volunteer for the Section Leadership Team, SLT. It is a volunteer position to help manage the section. SLT members are involved in the planning and operation that make the section a success. If you are interested in joining the SLT, please contact the Chair by e-mail at doleary@memberleader.asq.org. Volunteers can earn recertification units, RUs, for membership on the SLT.

SECTION METRICS

The Section metrics help measure success against the plans for the 2025 program year. The results are in a Red/Yellow/Green format scorecard.

Membership Change – The number of members for 2024 and 2025. Calculate the slope of the linear regression line. The target is a slope greater than zero and the improvement direction is up.

Member Retention Rate – The number of members retained for the month divided by the total number of members for the month.

Account Balance – The balance in the Granite State account. Calculate the slope of the linear regression line. The target is a slope greater than zero and the improvement direction is up.








Meetings Held – The ratio of the number of membership meetings held YTD to the number planned YTD expressed as a percentage. The target is 100% and the improvement direction is up.

Educational Events – The ratio of the number of educational events held YTD to the number planned YTD expressed as a percentage. The target is 100% and the improvement direction is up.

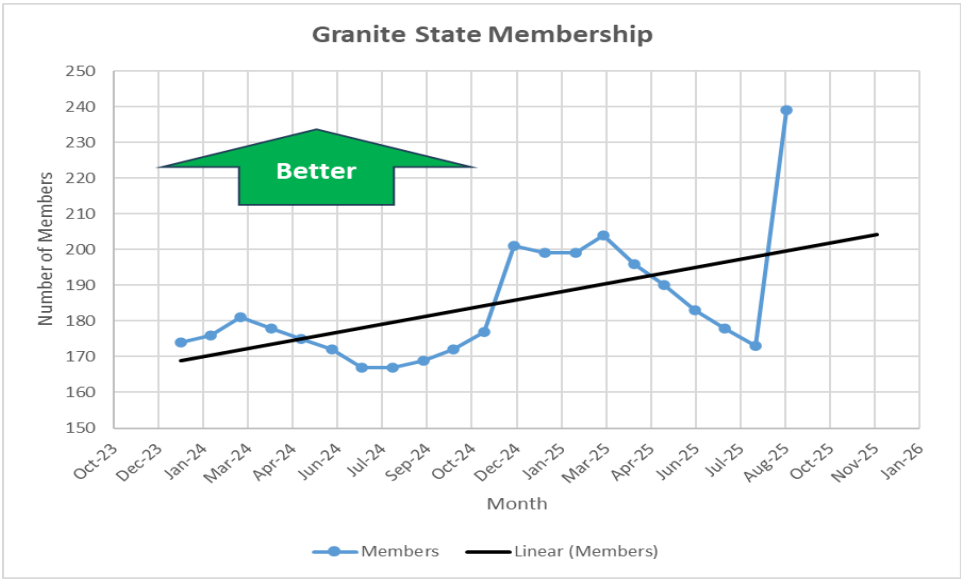
Newsletters Published – The ratio of the number of newsletters published YTD to the number planned YTD expressed as a percentage. The target is 100% and the improvement direction is up.

Member Surveys Conducted – The ratio of the number of member surveys conducted YTD to the number planned YTD expressed as a percentage. The target is 100% and the improvement direction is up.

The scorecard cells are white until the first scheduled activity. The scorecard now includes sparklines which were described in the February 2025 Newsletter.

Metric	Target	Sparklines	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Membership Change	Regression Slope ≥ 0		0.04	0.05	0.06	0.06	0.06	0.05	0.04	0.03	0.05			
Member Retention Rate	Percentage ≥ 100%		97.5%	96.5%	97.5%	95.4%	96.8%	98.4%	98.3%	97.1%	72.0%			
Account Balance	Regression Slope ≥ 0		-3.30	-1.31	-0.46	-0.18	-0.22	-1.47	-2.96	-3.98	-4.72			
Meetings Held	Percentage ≥ 100%				100%	100%	100%	100%	100%	100%				
Educational Events Held	Percentage ≥ 100%						100%	100%	100%	100%				
Newsletters Published	Percentage ≥ 100%			100%	100%	100%	100%	100%	100%	100%				
Member Surveys Conducted	Percentage ≥ 100%													

Note: The member retention rate is low because of the large number of members transferred from the Pine Tree section, the denominator is large so the result is small. The result should return to the pattern in October.



SECTION DEMOGRAPHICS

For September 2025, the section has 239 members with a wide geographical distribution and varied member types.



Country	Count	Percent
US	236	98.7%
GB	1	0.4%
CM	1	0.4%
IE	1	0.4%
Total	239	100.0%

State	Count	Percent
NH	161	68.2%
ME	47	19.9%
MA	17	7.2%
NM	2	0.8%
NY	2	0.8%
VT	2	0.8%
WI	2	0.8%
FL	1	0.4%
NJ	1	0.4%
PA	1	0.4%
Total	236	100.0%

Member Type	Count	Percent
Professional Membership	184	77.0%
Senior Membership	36	15.1%
Retired Senior Membership	15	6.3%
Student Membership	2	0.8%
Retired Professional Membership	2	0.8%
Total	239	100.0%

CALL FOR SPEAKERS

The section needs speakers who can make a presentation at an upcoming membership meeting. The presentations are about one hour long following dinner. The topic should provide information about skills or knowledge useful in a quality professional's work. Contact doleary@memberleader.asq.org.

CALL FOR AUTHORS

Granite State members are invited to write a Professional Development article for our newsletter. Submit your draft article to doleary@memberleader.asq.org.

In addition to recognition by other section members, writing an article can refine your skills and may support your ASQ certification. Become a recognized subject matter expert and showcase your knowledge.



QUALITY QUESTION

This area of the newsletter responds to quality questions from Granite State members. The question could be about best practices, implementing a method, using a statistical technique, *etc.* Submit your quality question to Dan O’Leary, doleary@memberleader.asq.org.

Question: In a recent audit we received a nonconformance because we didn’t have the most recent edition of some standards available. We use a large number of standards and find it hard to track them. Is there an easy way to do this?

Answer: While there is no easy way, there is help available. Many standards organizations such as ISO, IEC, and EVS have a no charge tracking service. A company sets up an account and can then identify the standards it would like to track. The standards organization sends an e-mail to the contact person when an identified standard changes. While this works well, somebody in the company needs to receive the information and alert stakeholders to the changes.

There are some companies that sell standards and offer this service. A popular company, but not the only one, is Accuris, formally Techstreet. Because they sell standards from many standards organizations, it is a more unified approach than the individual standards bodies.

Having said that, you should use the services of both kinds of organizations.

Above I included EVS. This is the standards organization of Estonia. They sell European standards from CEN, CENELEC, *etc.* They are, by far, the least expensive source. When you buy an EN standard based on an international standard (ISO, IEC, *etc.*) you get the full text of the international standard along with any additions or deletions from the EU.

I recommend setting up a master list of the standards you use and updating it quarterly. When a standard changes, assign somebody to prepare a gap analysis for your company. In many cases, the changes to a standard may involve sections that your company did not need to implement; the revisions are not applicable in your situation.

PROFESSIONAL DEVELOPMENT

Linear Regression

Dan O’Leary CMDA, CQA, CQE, CRE, CSSBB

CQE BoK:

VI. Quantitative Methods and Tools

E. Relationships Between Variables

1. Linear regression

Calculate simple linear regression models. Illustrate hypothesis tests for regression statistics. Use linear regression models for estimation and prediction.



CSBB BoK:

VI. Analyze

A. Measuring and Modeling Relationships Between Variables

2. Linear regression

Calculate and interpret regression analysis and apply and interpret hypothesis tests for regression statistics. Use the regression model for estimation and prediction, analyze the uncertainty in the estimate, and perform a residuals analysis to validate the model.

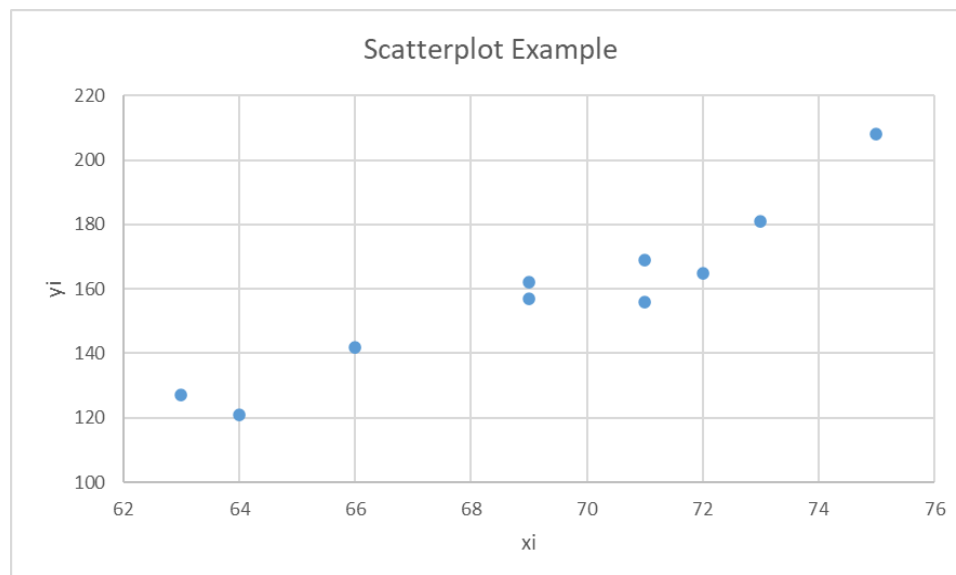
Simple linear regression is a statistical method to model the relationship between two continuous variables. The “simple” means only two variables (as opposed to multiple linear regression) while linear means using a straight line to model the relationship (as opposed to other curves such as a 3rd degree polynomial).

One variable, denoted x , is the predictor and is an independent variable. The other variable, denoted y , is the response or dependent variable.

As an example, consider the following data set.

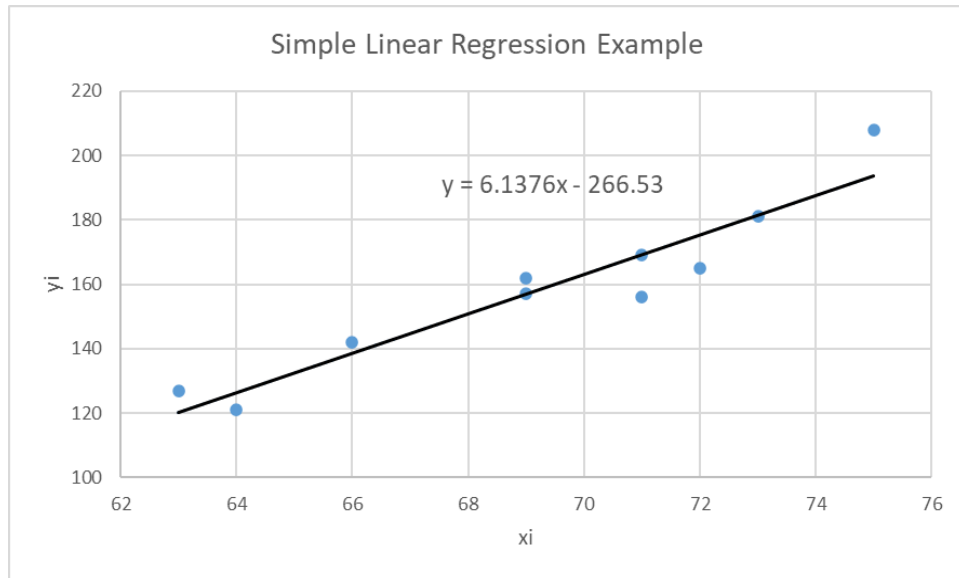
i	1	2	3	4	5	6	7	8	9	10
x_i	63	64	66	69	69	71	71	72	73	75
y_i	127	121	142	157	162	156	169	165	181	208

Data visualization is important; people learn a lot more from a picture than from a table of numbers. Our first step uses Excel to create a scatterplot.



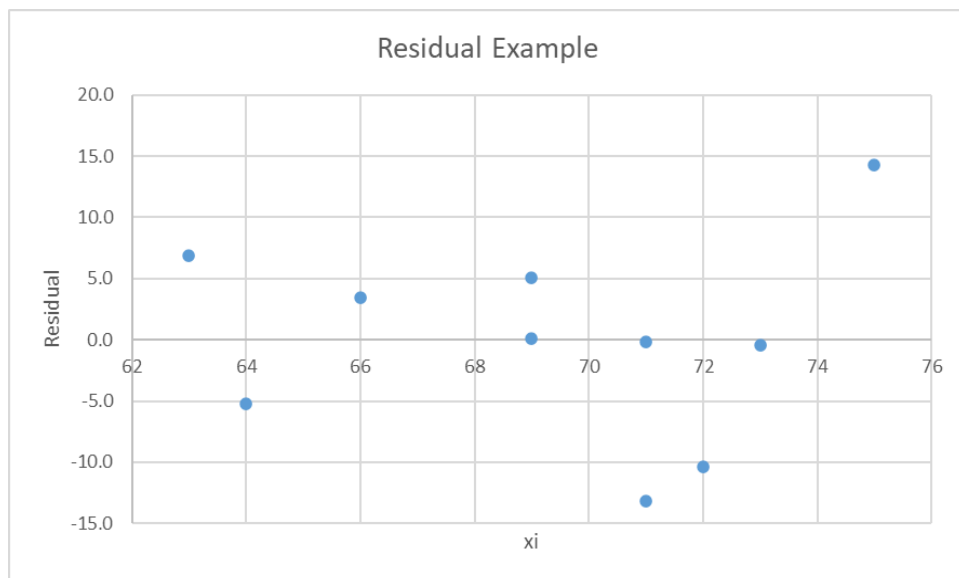
Visually, there seems to be a linear correlation between the independent (x-axis) variable and the dependent (y-axis) variable, making this a good candidate for simple linear regression.

In Excel, with the scatter plot, it is easy to add a trendline and include the equation of the line on the graph.



With the equation of the line you can make predictions and calculate the residuals. Notice, for example, that the point with $x = 72$ does not fall on the line. The prediction for 72 is $6.1376(72) - 266.53 = 175.3$.

With the equation we can calculate the predicted values and then determine how they differ from the observed values. This difference is called the residual. A plot of the residuals should not show a pattern, which is another way to check that simple linear regression is the correct model.



Notice that the residual plot doesn't show any trends such as increasing or decreasing values or an apparent curve.



With the equation, one can estimate values for points without data or predict the result from a specific value. If predicting a value outside the range of the initial data take care; the simple linear regression model may not apply.