

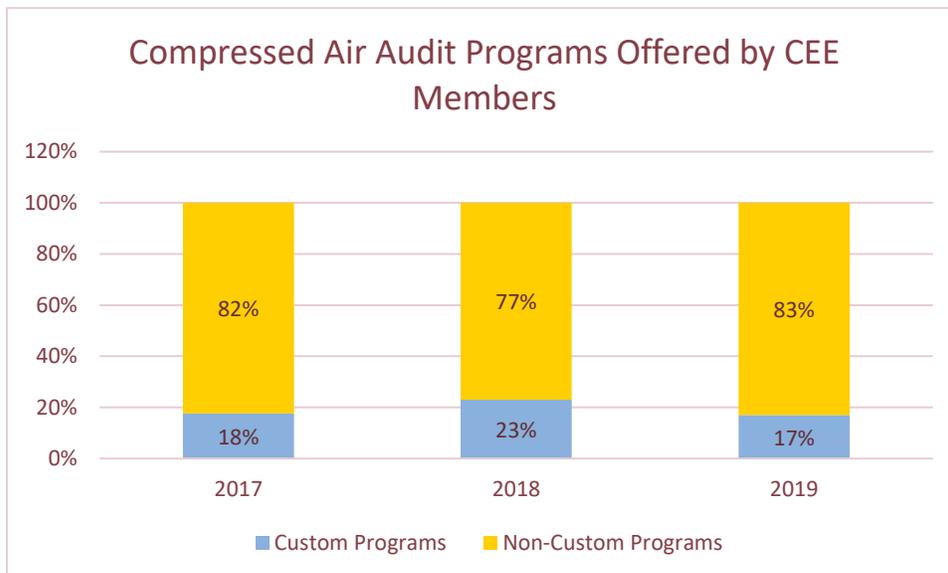
Executive Summary

This memo summarizes CEE member programs active in 2019 that aimed to support the CEE Compressed Air Initiative, which seeks to improve compressed air system performance through defining consistent, holistic audits that meet a minimum level according to the specification. The Compressed Air Committee is working to finalize revisions to the Initiative. Information on the 111 CEE member programs represented in this document, reflecting the landscape of running programs during the 2019 calendar year. Since each CEE member uses different program development processes and schedules, this document aims to provide the best available snapshot for 2019 and does not attempt to describe how programs have evolved to date or how they are likely to change in the future. This overview summarizes the [2019 CEE Compressed Air Program Summary](#) data, which is available to CEE members.

The CEE Compressed Air Initiative is under revision. CEE plans to finalize the revised Initiative in 2021.

Key Findings and Program Trends

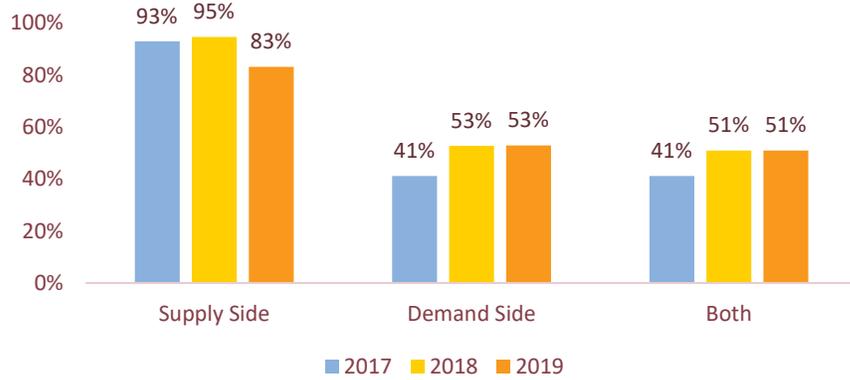
The total number of members supporting custom and non-custom compressed air programs remained relatively flat compared to 2018 at 46%, up from 45% in 2017. The number of members supporting these programs offering one measure decreased 15% since 2017. It was most common for members supporting these programs to offer two measures, up 13% from 2017. This trend was consistent with 2018; programs supporting compressed air continue to offer more measures. After two measures, members most often offered 4, 5, or 7 measures. Most programs continue to support non-custom compressed air audit measures, up 1% from 2017. Most programs supporting compressed air offered supply-side measures, which is consistent with 2017 and 2018. A little over half supported demand-side measures, up 12% from 2017.



Non-Custom Programs Offered by Members



Types of Measures Offered by Programs Supporting Compressed Air

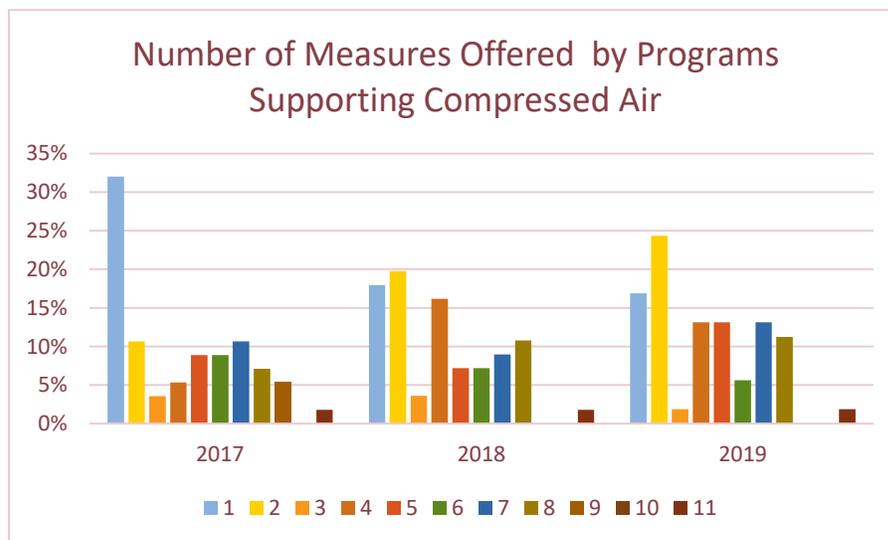


Types of Measures Supported

Compressors, including variable speed compressors, are the most common measure offered by CEE members. The percent of members offering this measure has remained consistent since 2017. Zero Loss Drain measures, which increased 7% from 2017 to 2019, are the second most common measure offered by members in 2019. Members offering dryer measures increased 5% from 2017 and are the third most common type of measure offered. Members offering demand-side compressed air measures rose from 2017 to 2019, rising from 3-6%.

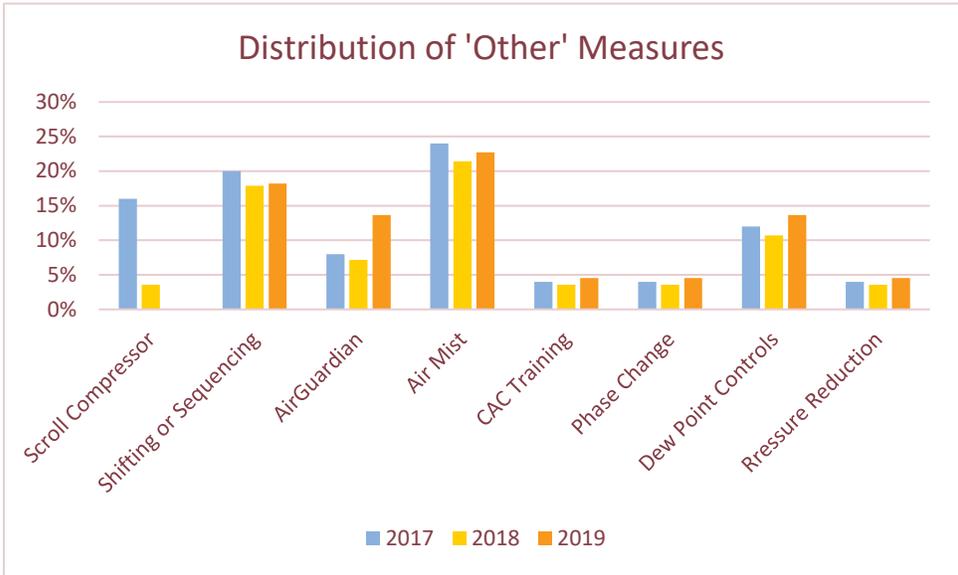
Inappropriate Uses

The number of members offering measures for inappropriate uses, including engineered nozzles, grew from 22% in 2017 to 32% in 2019. The majority of members offering these types of measures have offered a measure for engineered nozzles since 2017. Almost a quarter of members, 24%, offered engineered nozzle measures in 2019. 7% of CEE members offered other inappropriate end-use measures.



Other

Members offering other demand-side prescriptive measures increased from 13% in 2017 to 21% in 2019. This category contains eight groupings, each offered by 5% or less of CEE members. The most common measure supported are for air mist eliminators, followed by some form of load shifting, modulation, or compressor sequencing. These two measures have been the most common since 2017. No members supported scroll compressor measures in 2019, and a member introduced purge controls as a measure in 2019. The AirGuardian Program is a measure offered by select members in Washington and Idaho.



For More Information

You may direct questions about individual programs to the contact person(s) indicated in the program overview. We encourage comments on this document, particularly suggestions for helpful information to include in future versions. To offer such input or ask any questions, please contact **Chris Sullivan-Trainor** at cullivan-trainor@cee1.org.