
Machine Learning

Executive Brief



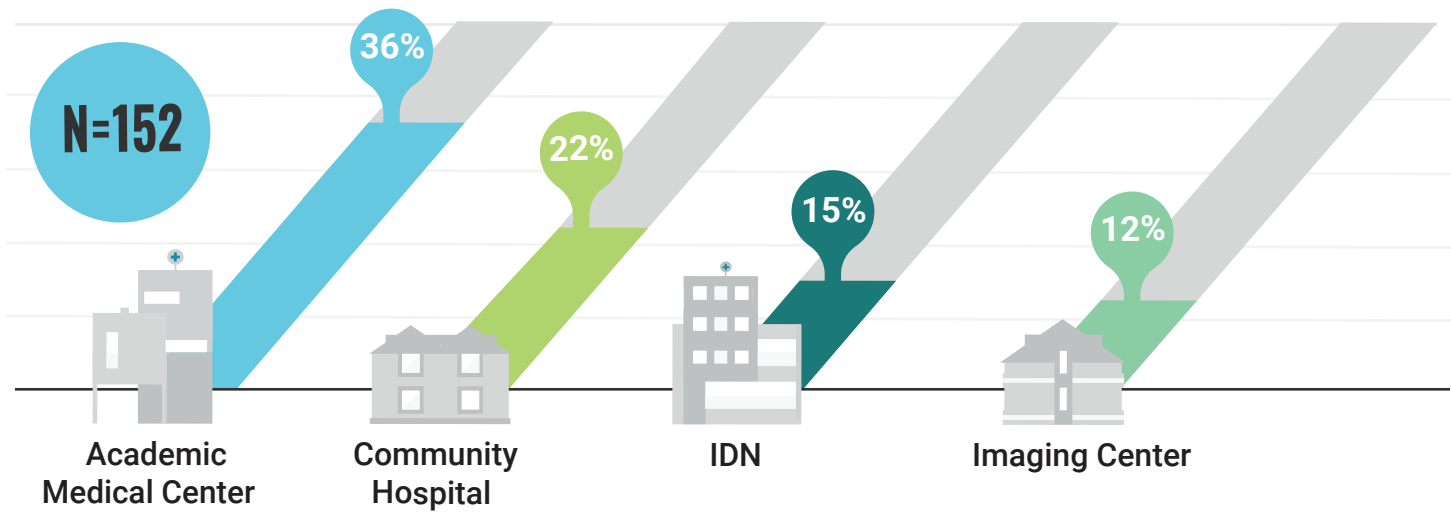
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Introduction

Machine Learning is one of the hottest topics in healthcare today, especially in medical imaging. It promises to provide efficiencies in several areas with the expectation of improving quality while decreasing costs.

In the pages that follow, you will find the most recent insights from radiologists and other medical imaging leaders about Machine Learning. They share their adoption timelines, use cases, vendors used, vendors considered, and more.

Organization Types That Participated



*Other facilities (not showing above): Critical access hospital 5%, specialty clinic 3%, cancer hospital 3%, childrens hospital 2%, VA hospital <1%

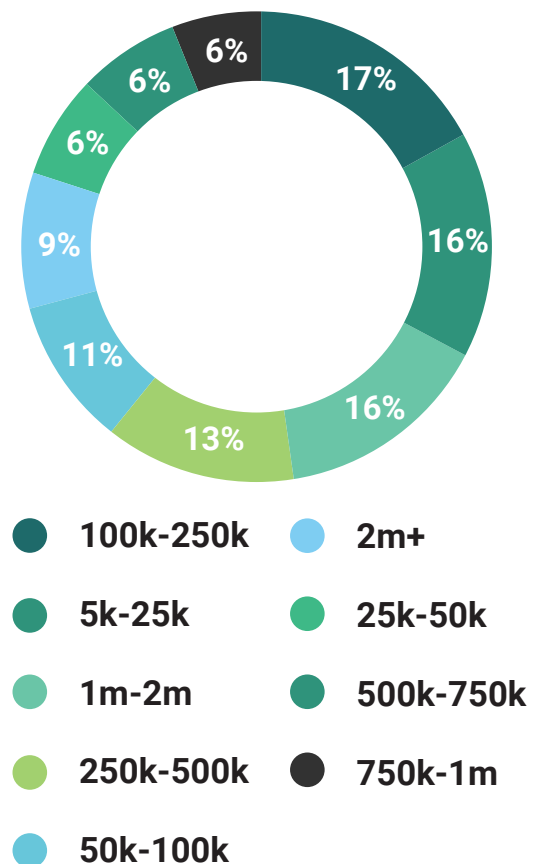
Participants



- Radiologist - 32%
- Director of Radiology - 19%
- Imaging Tech - 18%
- PACS Admin - 15%
- Manager of Radiology - 7%
- Chief of Radiology - 7%

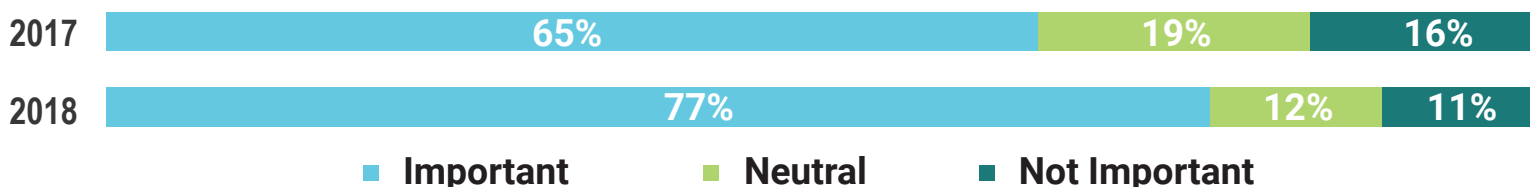
*Other titles <1% (not showing above): Clinical Informatics Manager, CIO, CFO

Annual Study Volumes

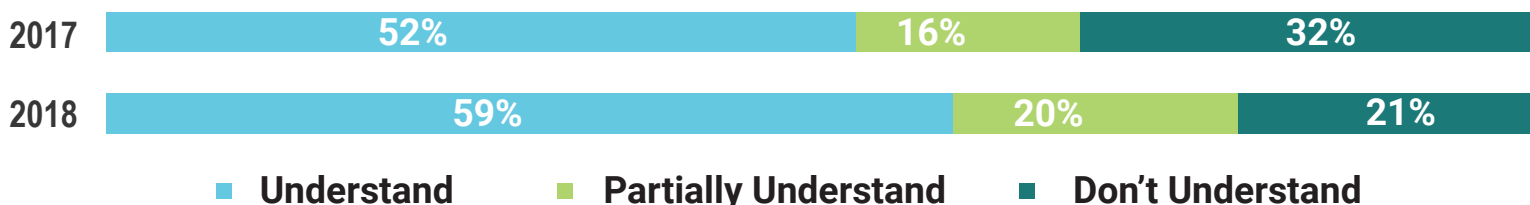


Importance vs. Understanding

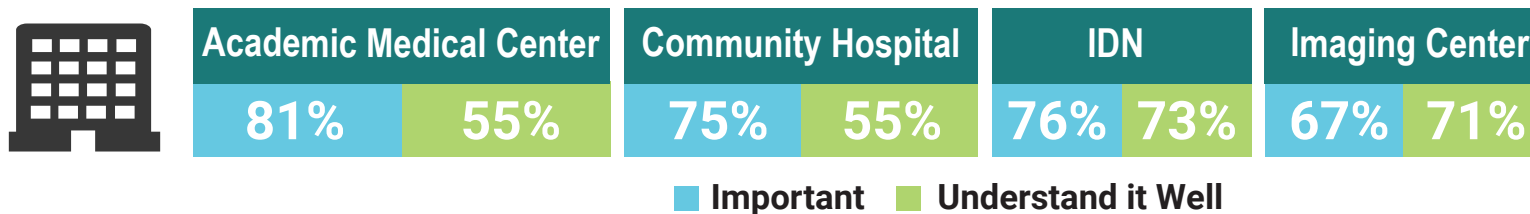
Importance of Machine Learning



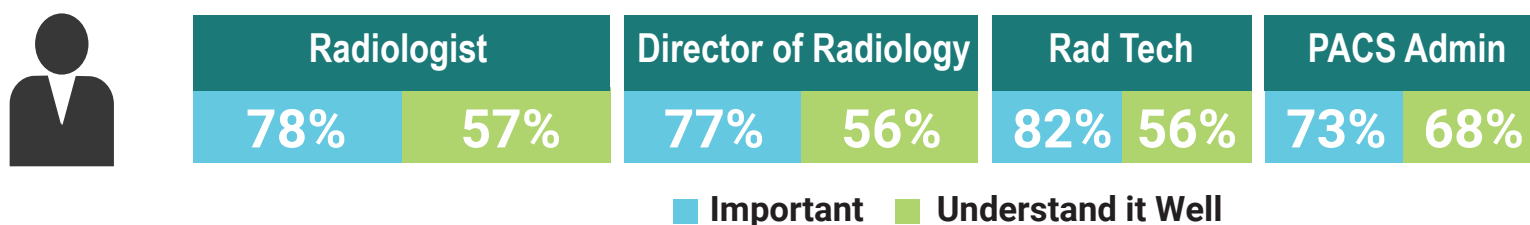
Understanding of Machine Learning



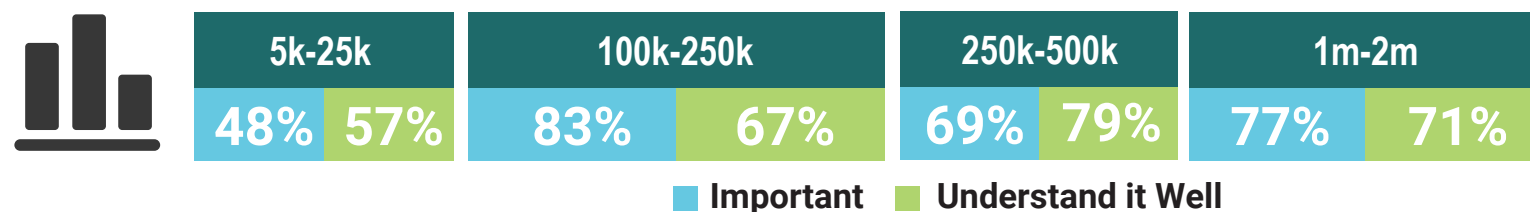
Importance & Understanding of Machine Learning By Organization Type



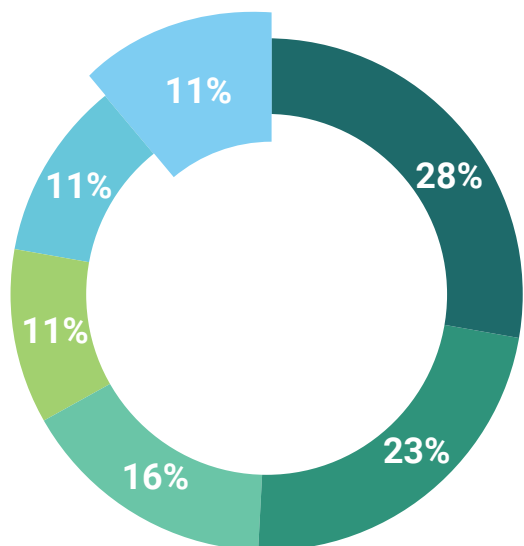
Importance & Understanding of Machine Learning By Title



Importance & Understanding of Machine Learning By Study Volume

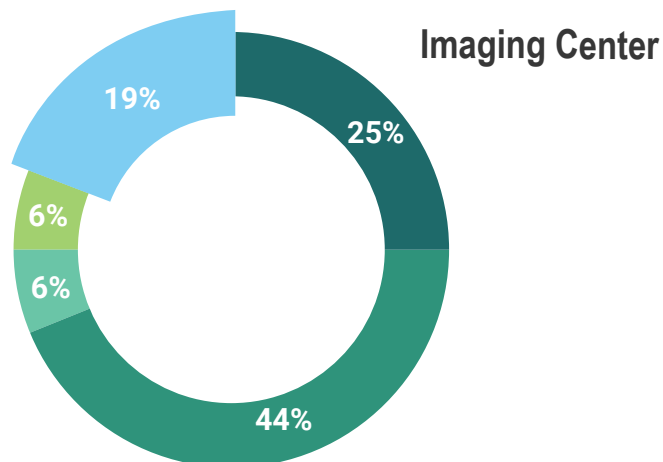
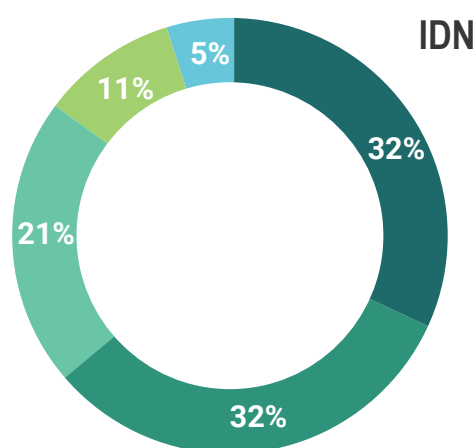
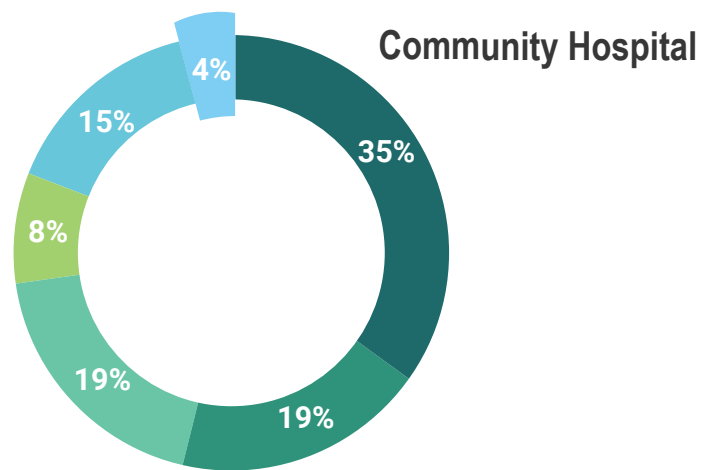
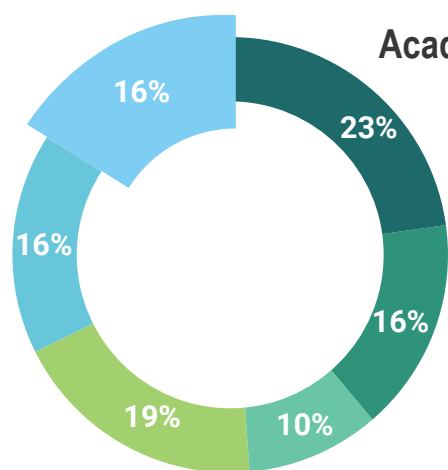


Machine Learning Adoption Timeline

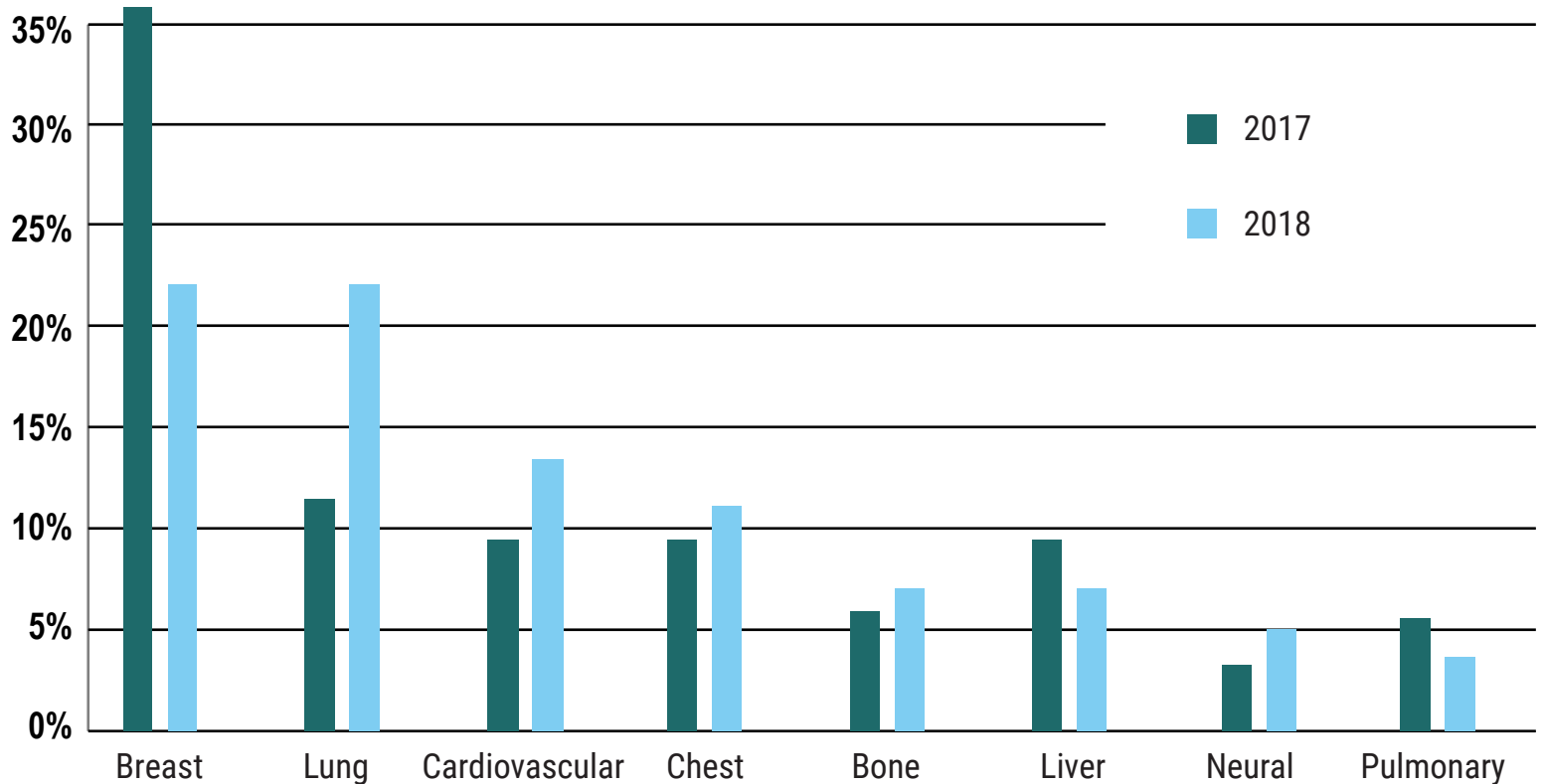


- 1-2 years away from adopting ML
- 3+ years away from adopting ML
- Will most likely never utilize ML
- Just adopted some ML
- Been using ML for a while now
- Adopting ML in the next 12 months

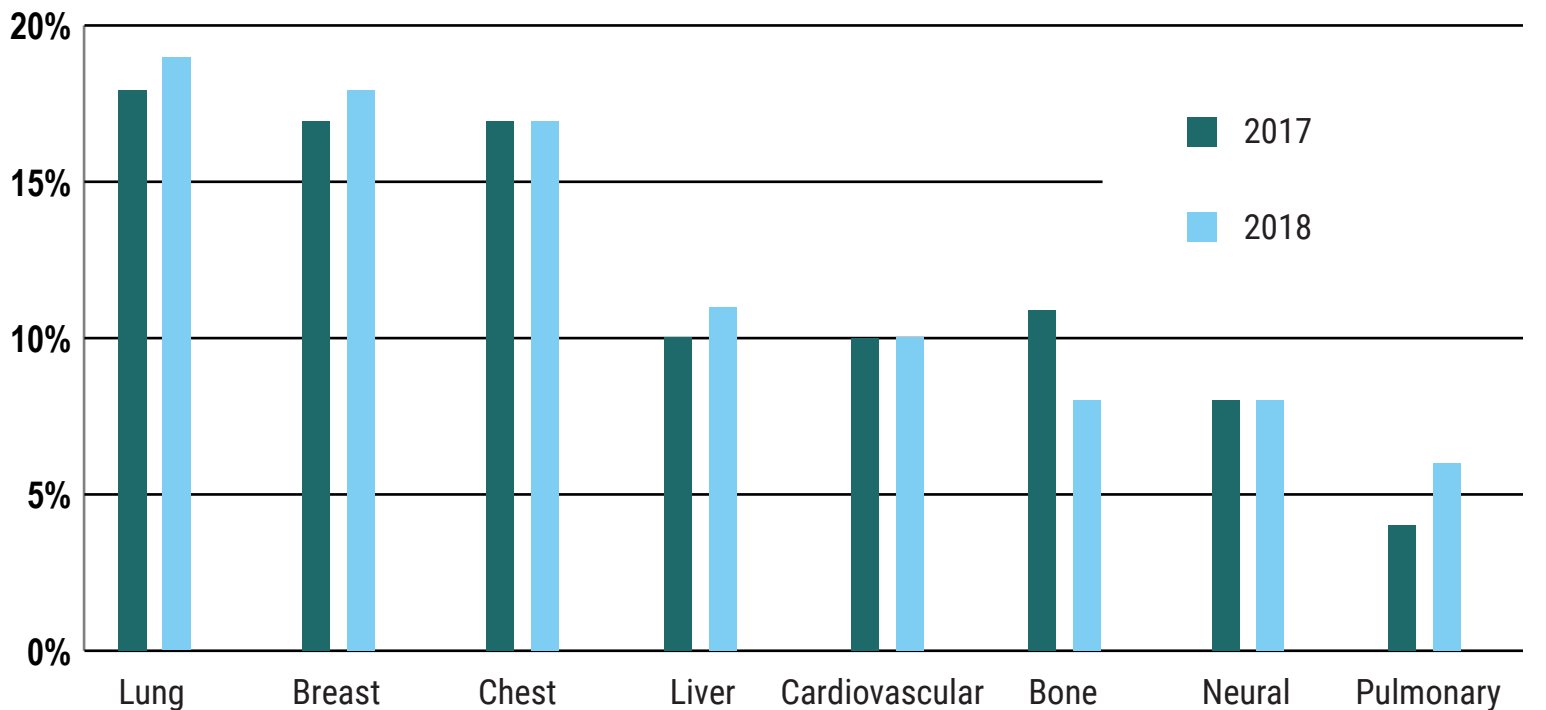
Adoption Timeline By Organization Type



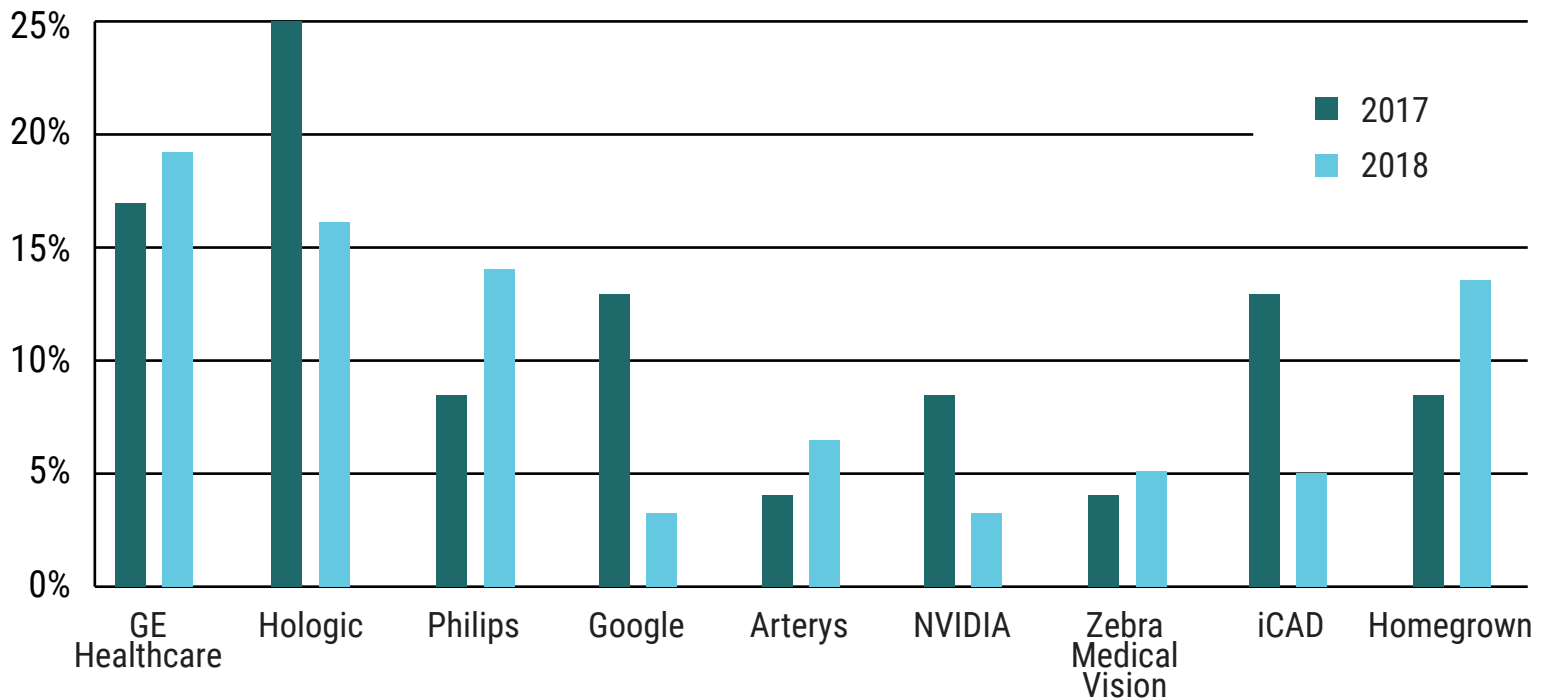
Current Usage Among Participants



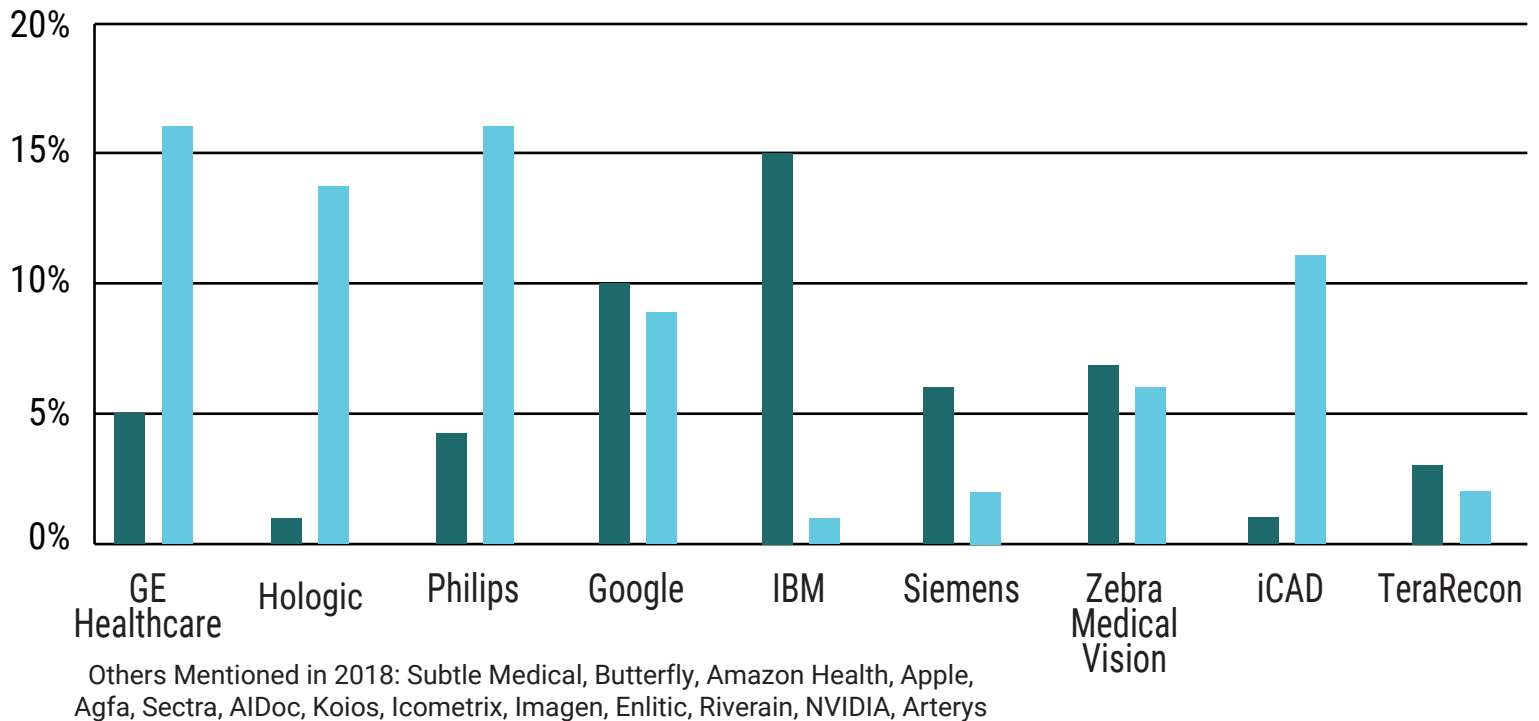
Anticipated Use from Future Adopters



Vendors Being Used



Who Offers ML and Which Vendors Will Providers Turn To?



■ Who do you think offers Machine Learning? - 2017
 ■ Which vendors would you consider for ML? - 2018

Machine Learning

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