



NEE's COPD Case study

Improving Primary Care Experience and Outcomes

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Pharmaceutical Marketing Society Meeting

27th November 2018



NEE Case Study

- Why?
- What?
- Impact?
- Learning?
- What's next?



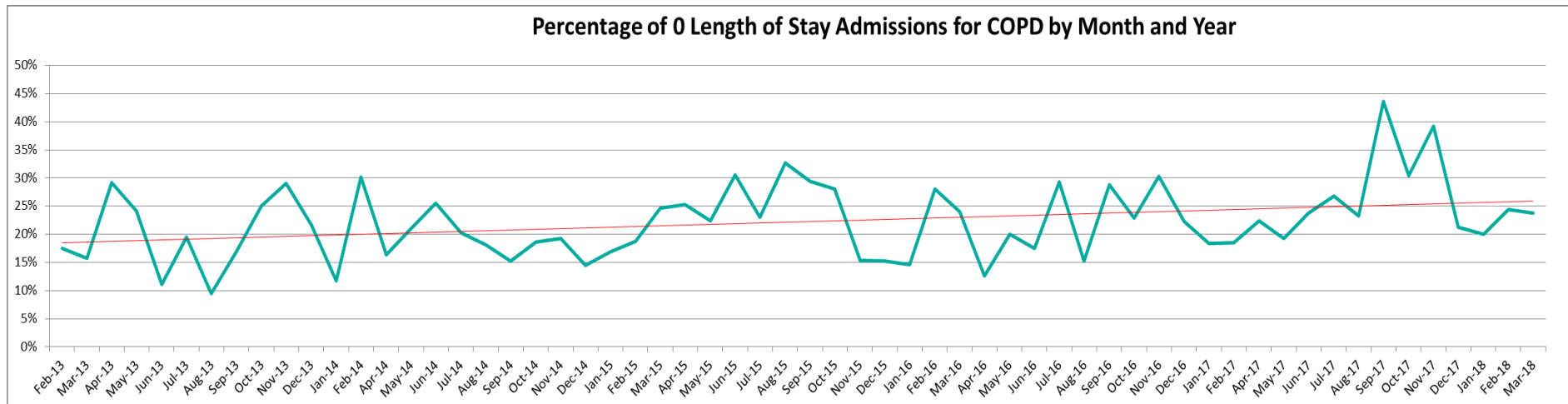
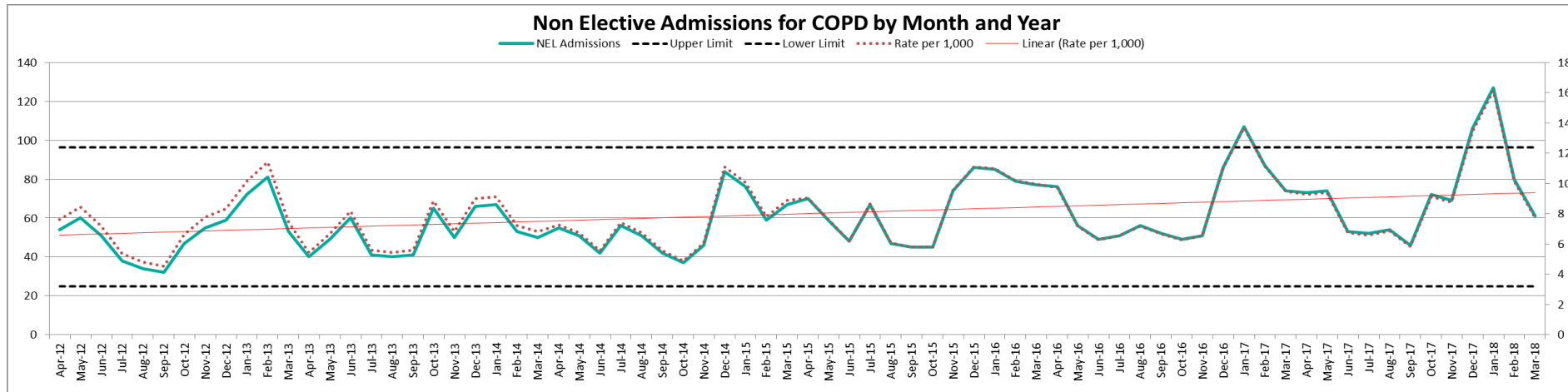
The National issue

- COPD second common respiratory condition
- Growing COPD population (prevalence grew with 9% between 2008-2012 – ref BLF)
- Ageing patients
- Increasing Healthcare Utilisation
- Increasing OP referrals
- Variation in primary care
- Under-utilisation of services



The issues in NEE

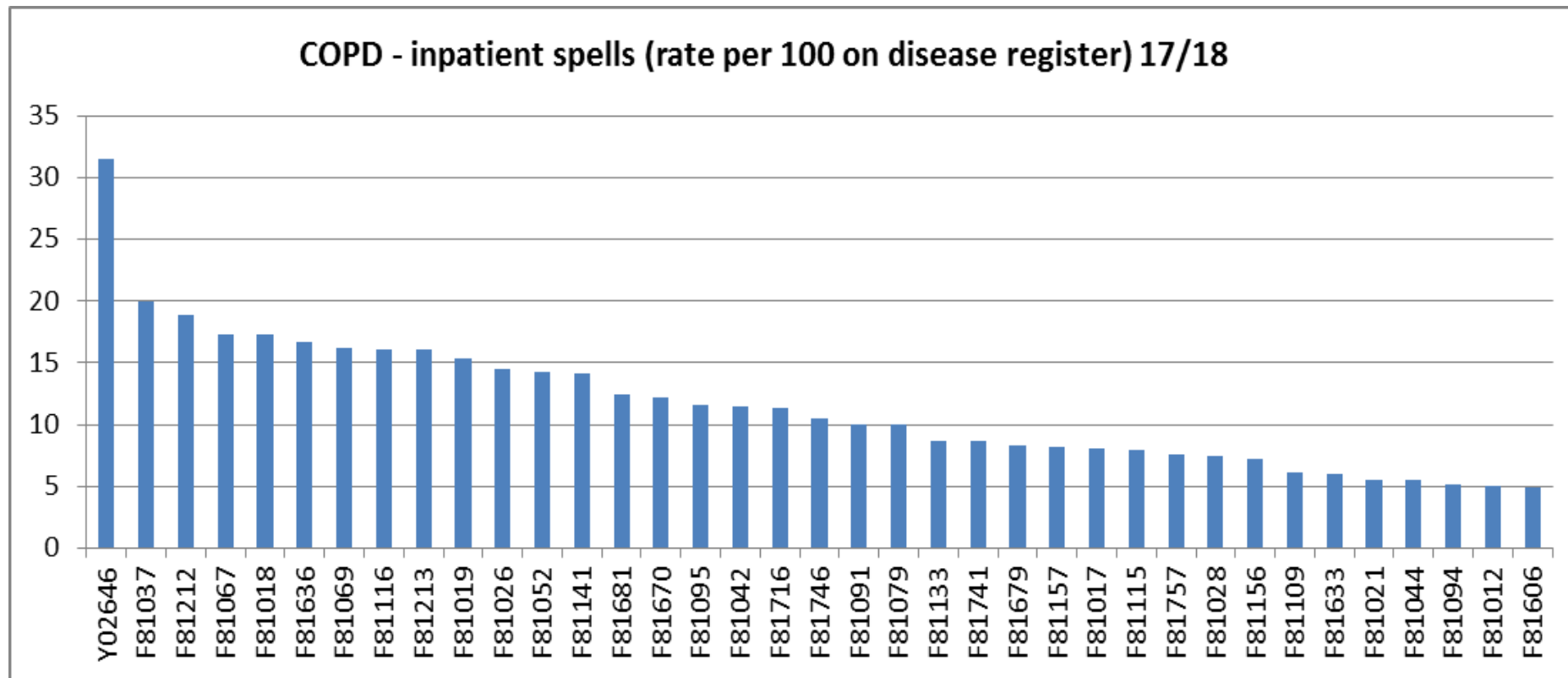
NEL





The issues in NEE

Variation in Primary Care

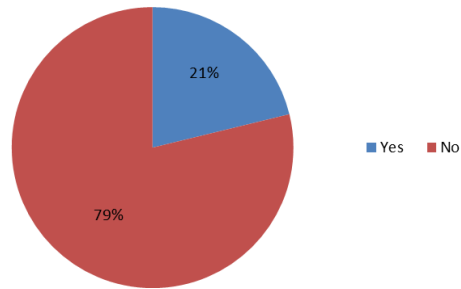




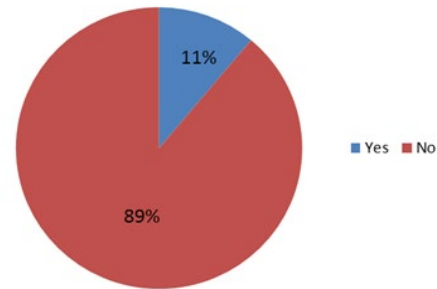
The issues in NEE

Underutilisation of Services

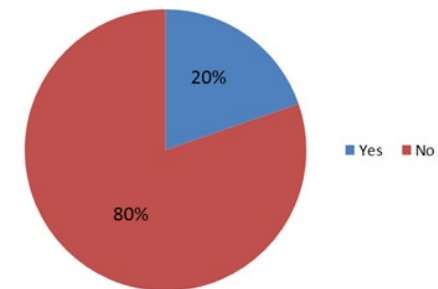
Were patients known to ACE Respiratory Services **PRIOR** to admission (n=85)?



If Yes, was the patient seen in the 2 weeks leading up to the admission?



If the patient was **NOT** known to the Respiratory Team, were the patients referred to the COPD Team **AFTER** admission?





Aim of COPD Programme

- Improve COPD Outcomes
- Better support self-care
- Reduce variation in care
- Improve care pathways and integration
- Utilise existing services
- Improve use of volunteers/social prescribing
- Review Care Model



COPD Programme

Respiratory Programme 17-19

DRIVER DIAGRAM 1

Admission Avoidance

Aims / Primary Outcome:

- To:
- Reduce the number of avoidable admissions for COPD to CHUFT
 - Reduce 0-LOS in CHUFT
 - Reduce re-admission rate for COPD to CHUFT

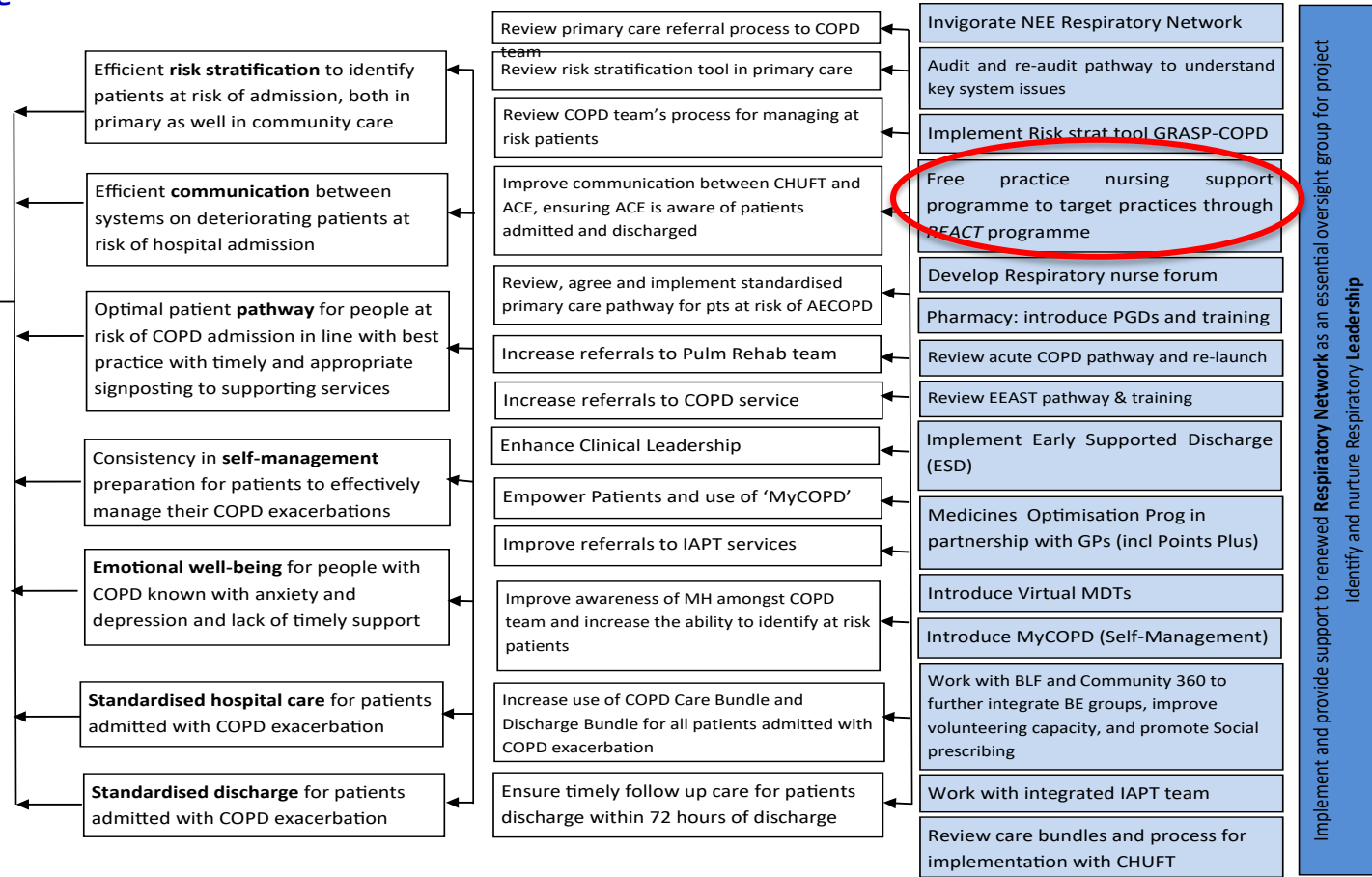
Measures:

- Monthly:
- COPD admissions to CHUFT
 - 0-LOS for COPD
 - COPD re-admission rate to CHUFT for COPD
 - Primary Care referrals to ACE COPD Team
 - Primary Care referrals to ACE Pulmonary Rehab
 - CHUFT referrals to ACE COPD team
 - CHUFT referrals to Pulm Rehab
 - ACE Quality measure (tbc)
 - Ambulance call outs for breathing problems

Primary Drivers:
System components contributing to the aim

Secondary Drivers:
used to create projects or change packages that affect the primary driver

Tertiary Drivers:
Activity that will impact on the secondary drivers



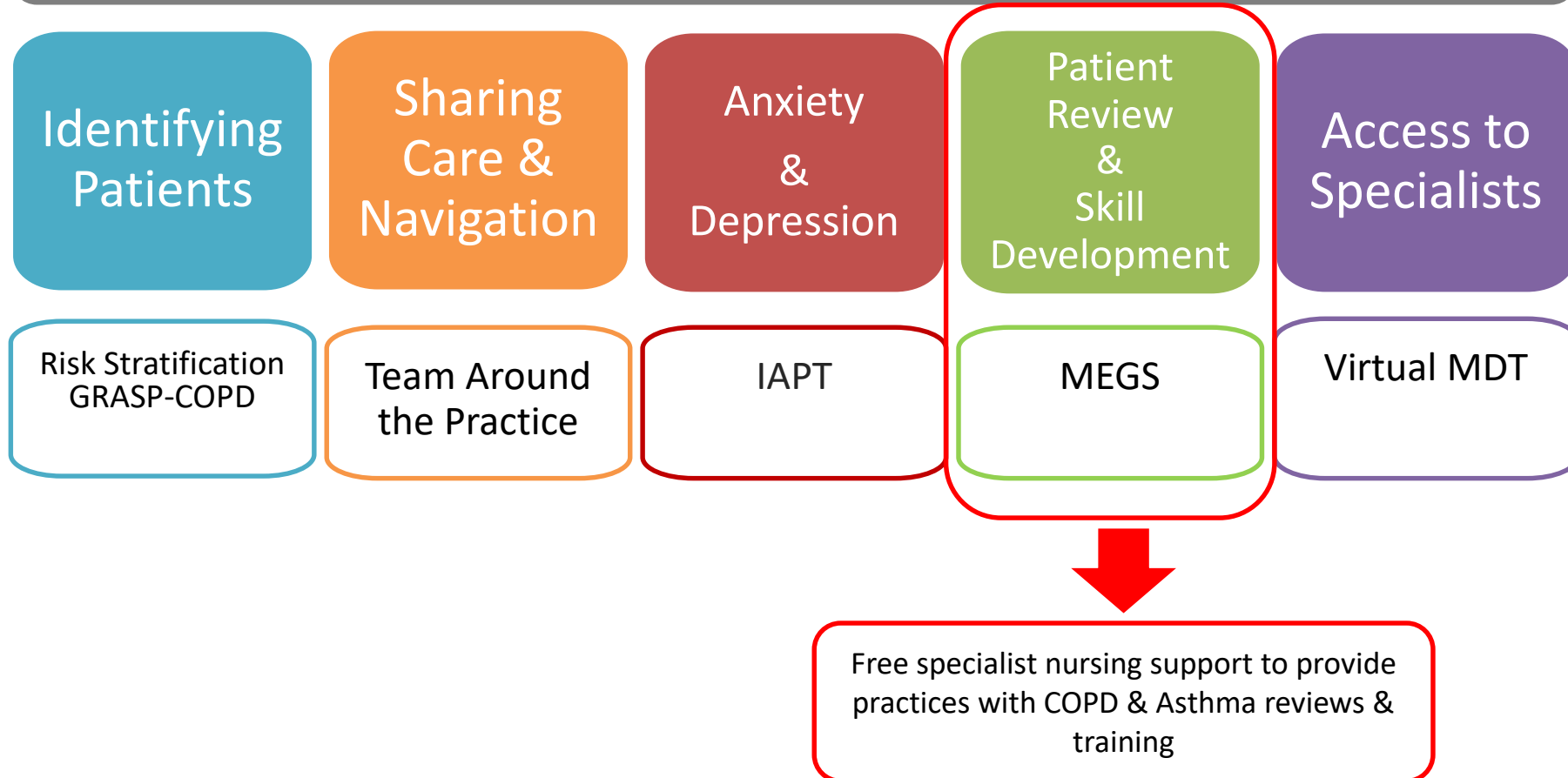
Implement and provide support to renewed Respiratory Network as an essential oversight group for project
Identify and nurture Respiratory Leadership



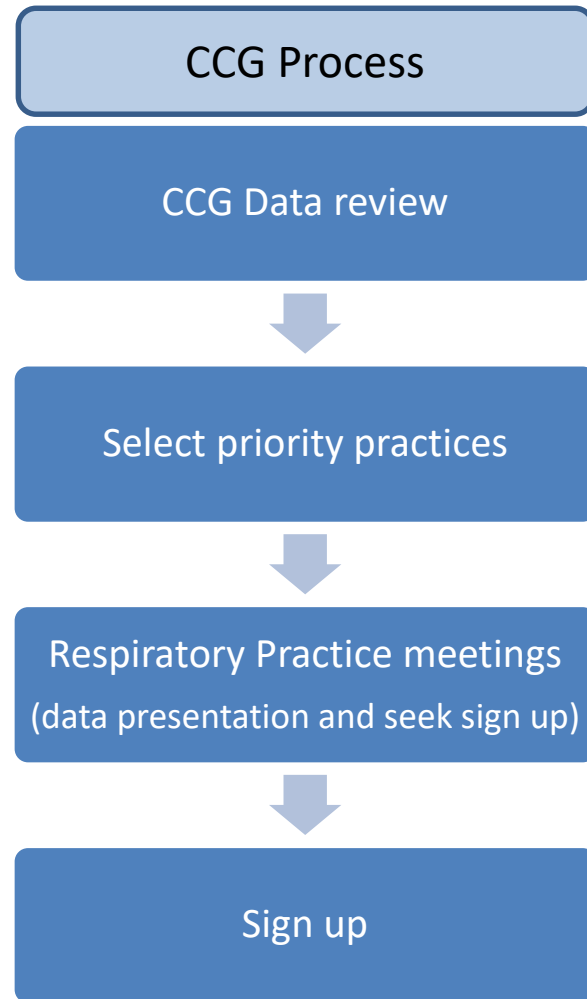
Achievements so far

- Established and thriving system respiratory network
- Development of a respiratory dashboard
- Implementation of MEGS project in Clacton 9
- Commissioned COPD Risk Stratification tool & support
- Establishment of Respiratory Nurse Forum
- Revised COPD Acute Care Pathway
- Revised EEAST pathway, provided staff training
- Introduced COPD Virtual MDTs
- Launched Early Supported Discharge for COPD
- Distributed COPD Handheld Records
- Implemented MyCOPD
- Introduced COPD CQUIN with community provider
- Implementation of Pharmacy Rescue Packs
- Improved quality of primary respiratory care through 'Points-Plus'
- Free primary care professional memberships

Managing Respiratory Pressures In Primary Care Clacton Alliance Project



MEGS Project

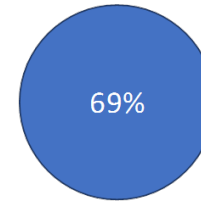




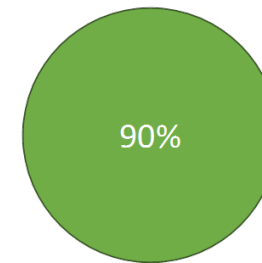
Activity so far

- 12 practices signed up to-date
- 10 practices commenced
- 339 COPD patients reviewed
- 45 min consultations
 - 55% Medicinal Interventions
 - 45% Educational Only (patient deemed to be managed/declined to change)
 - 22% patients referred to supporting services (e.g. PR)
- A subset of 3 practices undertook Asthma element of the service (119 Asthma reviews)

COPD pts on formulary pre-review



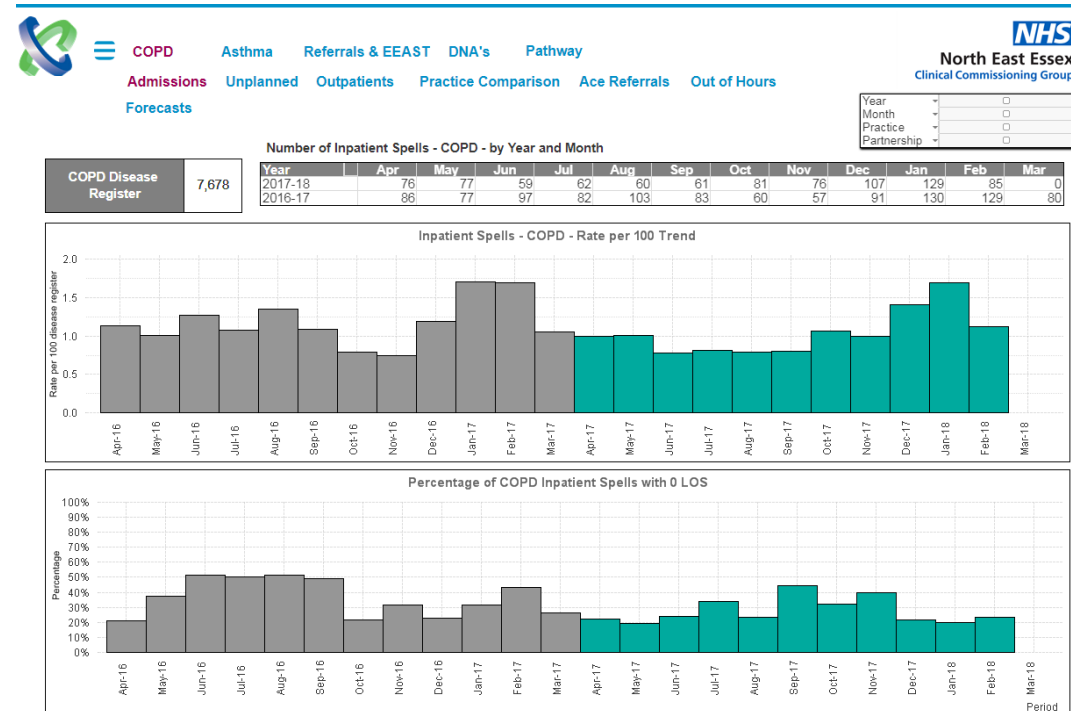
COPD pts on formulary post-review





Monitoring Impact

- Quantitative data
 - NEL data
 - O-LOS
 - Etc
- Qualitative data
 - National COPD Audit
 - Points-Plus
 - MyCOPD licenses
 - etc

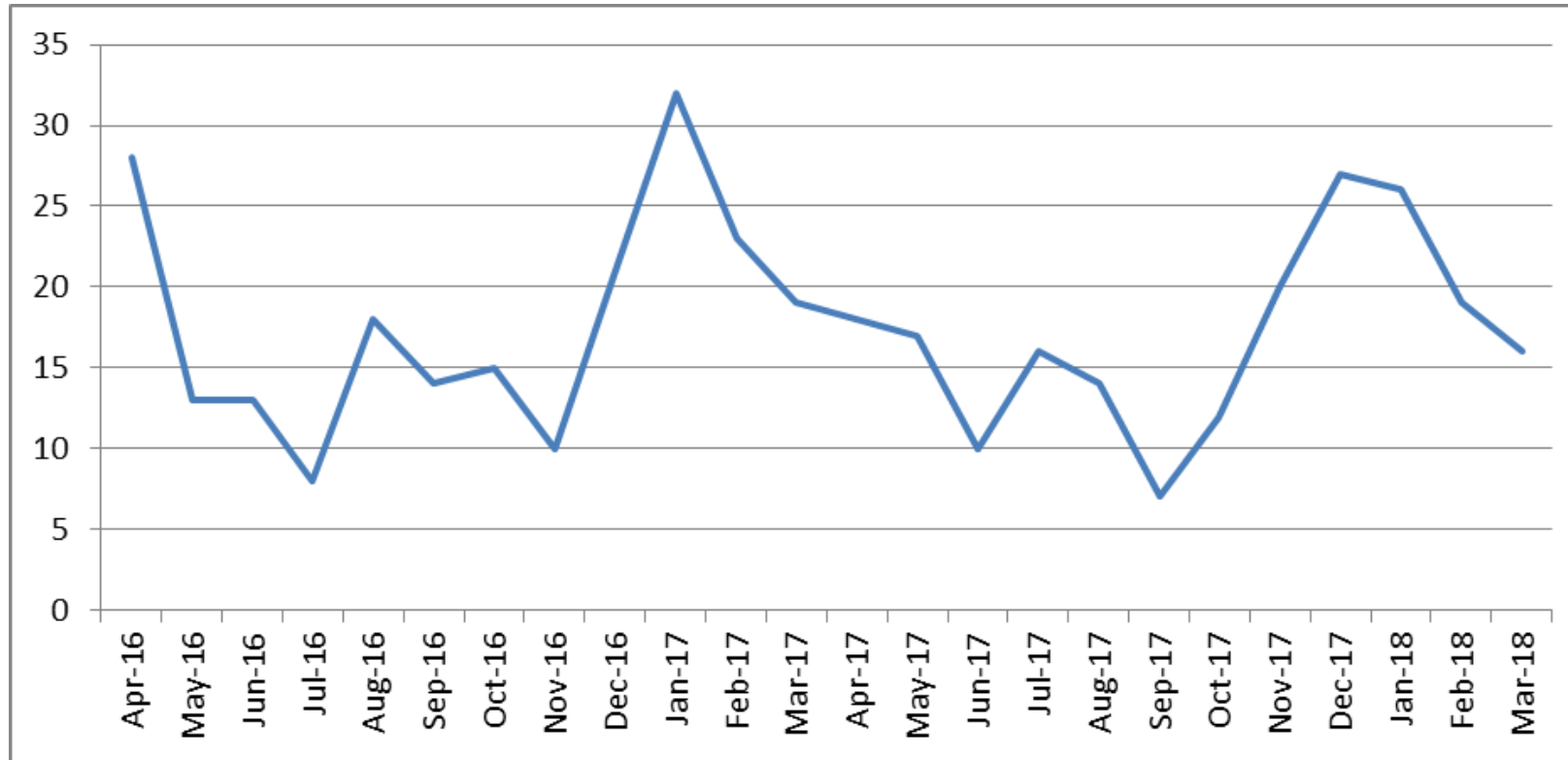




Data monitoring

**Non-Elective admissions for COPD by month
Clacton Alliance Practices**

16/17	214
17/18	202
Var	-12
%	-5.61%

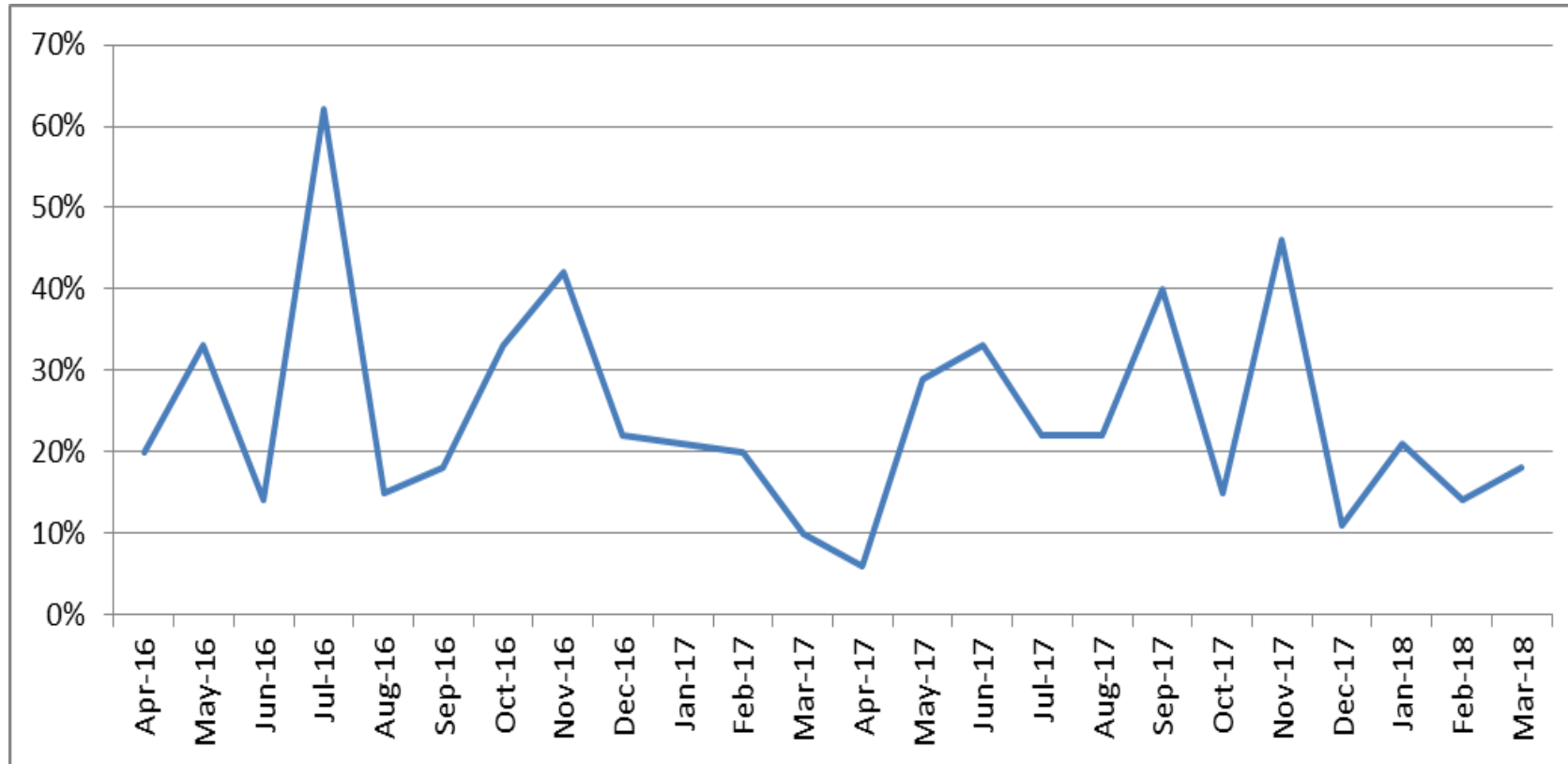




Data monitoring

**% of 0-LOS admissions for COPD by month
Clacton Alliance Practices**

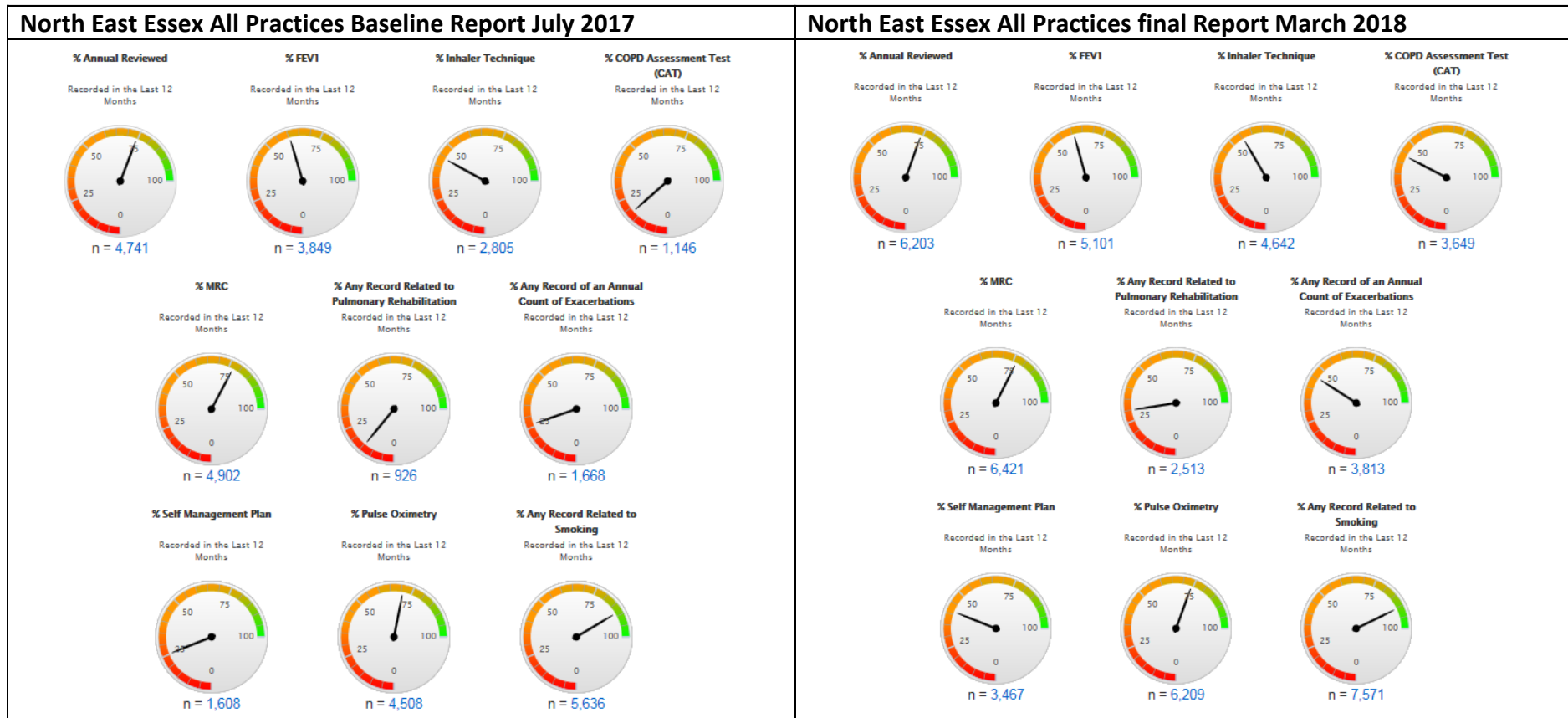
16/17	26%
17/18	23%
Var	-3%





Quality monitoring

NEE Points-Plus Reports July 17 vs March 18





Learning

- Free additional specialist workforce critical to success
- Isolated projects are not likely to result in sustained changes
- System-wide approach vital
- Phased approach may support management
- Data will help tell the story
- Senior support to optimise sign up
- Cross organisational project steering group essential in managing progress



Next Steps

- Continue programme into year 2
 - Roll out of Primary Care Project
- Complete re-audit
- OPC Project – Independent Review
- Option paper re future commissioning of respiratory services



THANK YOU