



STOCKPORT
METROPOLITAN BOROUGH COUNCIL

Scrutiny Review

Session 2



Projection methodology - origins

- System developed inhouse
- Series of projects undertaken by business intelligence to understand this problem at a deeper level
 - Pupil Yield
 - Machine learning
 - Factor significance
 - Placing too much significance on one factor skews the model
 - Considered School openings, closures, performance, OFSTED, parental preferences
- Simplicity appears to yield the greatest accuracy over short to medium term
- Long term more reliant on significant factors such as strategic planning for housing

Projection methodology

(ONS estimate x (*School population Proportion*)) + *Housing Yield*

School Population Proportion

= School pupil population
Total population for planning area

Housing yield

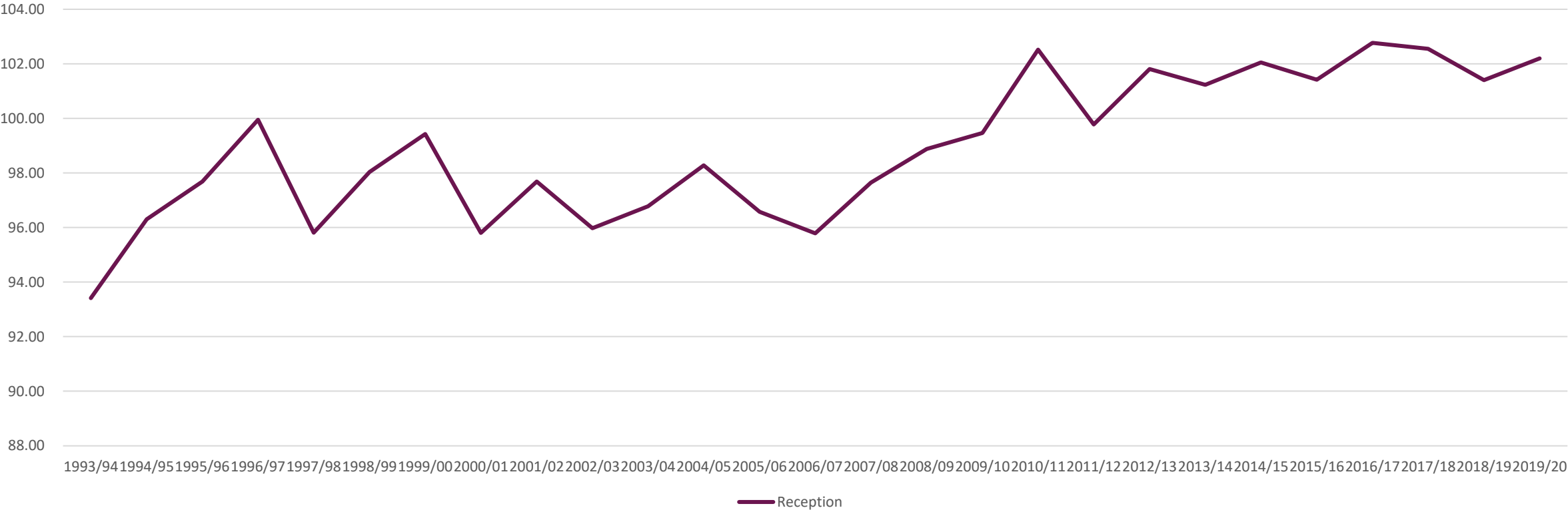
= Volume x 4
100

Preferencing and interplay with sufficiency

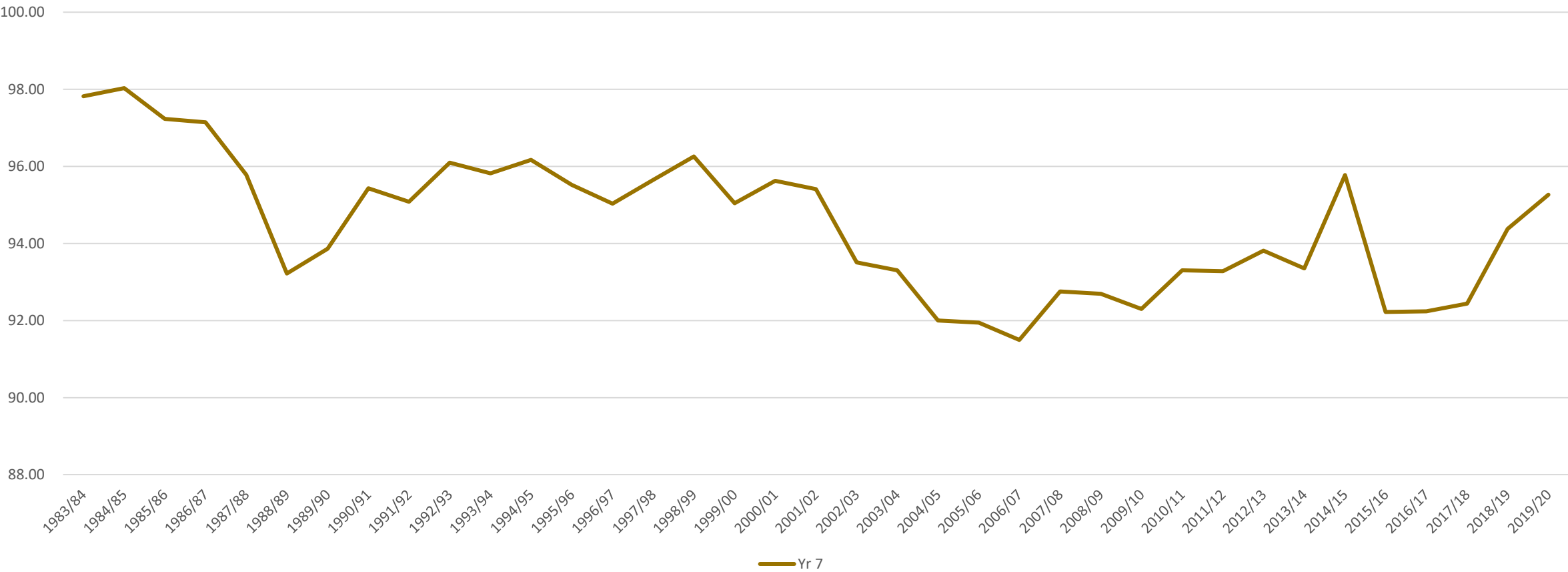
- School Population Proportion
 - Simplistic but represents something very complex
 - Coded within, represents:
 - Familial links
 - Parental/community perception of school
 - Other schools nearby
 - School performance
 - Ofsted
 - Child's needs and an expectation of how they should be met
 - Aspiration
 - Admissions
 - Population mobility
 - Health outcomes
- Key to ensuring sufficiency is not to follow preference
- Sufficiency is assured by choice and a universal, high-quality offer

Transition rate – Birth to Reception

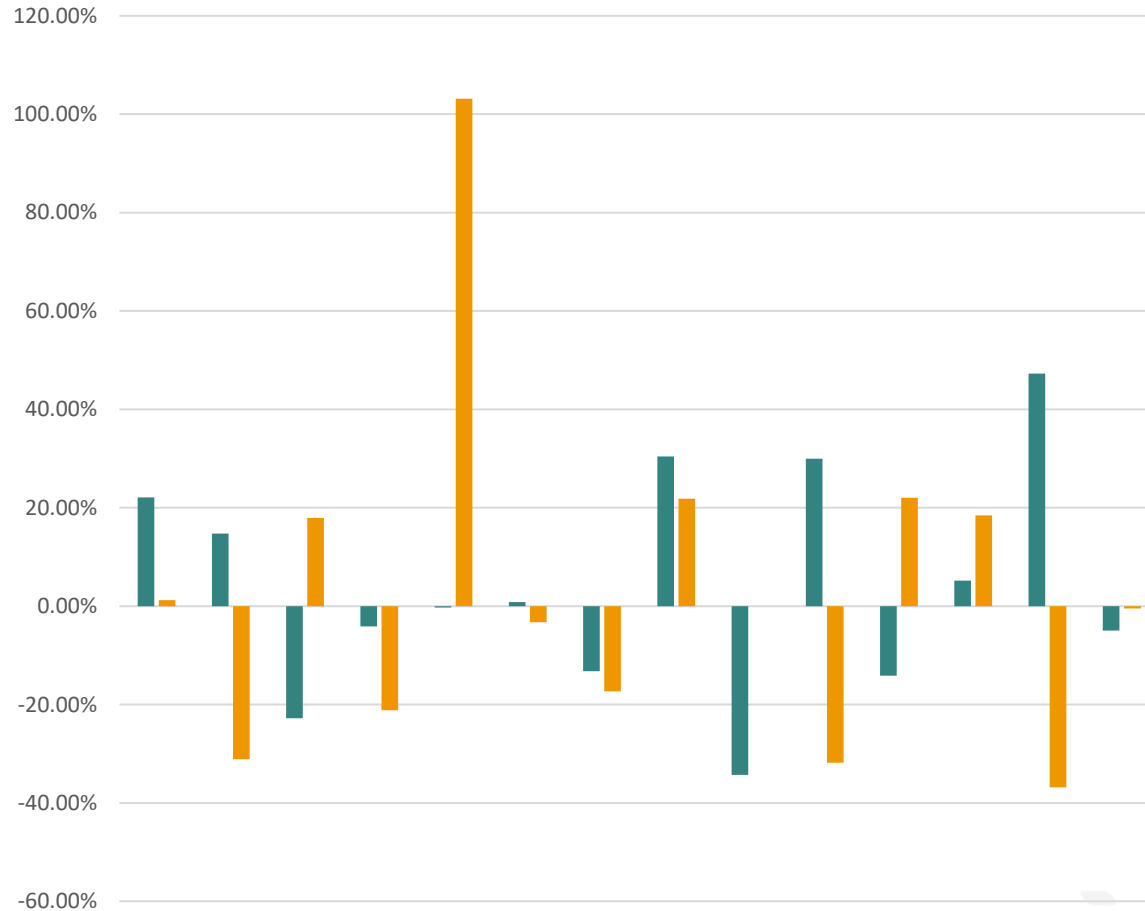
Reception



Transition Rate – Yr 6 to Yr 7



% change in 1st pref expression



- Secondary School preference expression shown by % change over 3 years. Paired by school
- Green – 2020-2022
- Orange – 2017-2020
- Schools presented in a random order
- A moving feast!



Conclusions

- Brief to local authorities has been to expand popular, good or outstanding schools
- Making investment on the basis of fluid and subjective metrics is incredibly risky
- Need Vs Want
- Concentrations of capacity in the wrong places
 - does not assure sufficiency
 - can limit the pursuit of a high-quality offer
- Create positive choices for our residents
- Focus of School Investment Plan has and will continue to be:
 - Fit for purpose, suitable learning environments
 - High quality teaching, inclusion and offer

