



# Independent Transport Research, Consultancy & Testing

**Creating** the future of transport



# Contribution to the definition of the test seat

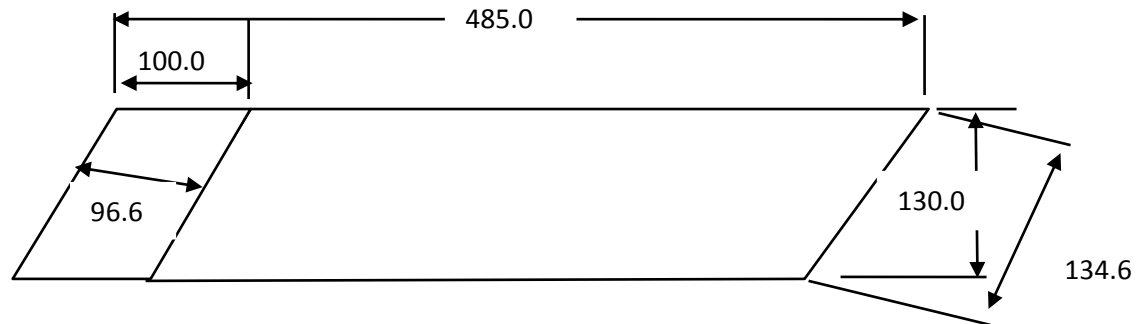
Mrs M Hynd  
11<sup>th</sup> March 2009



# Clarification of dimensions of NPACS Test Bench

Side view of test bench cushion

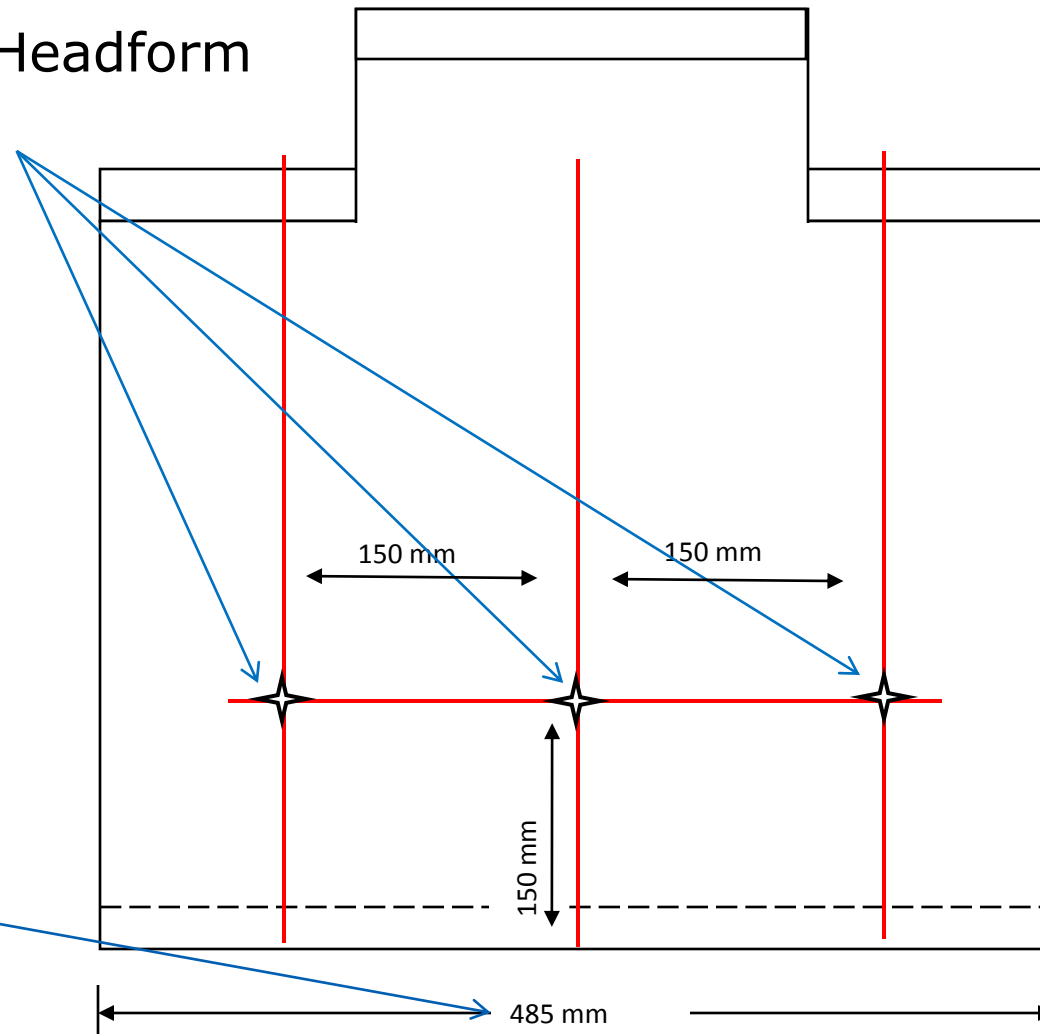
Dimensions in mm



# Contribution to the definition of the foam

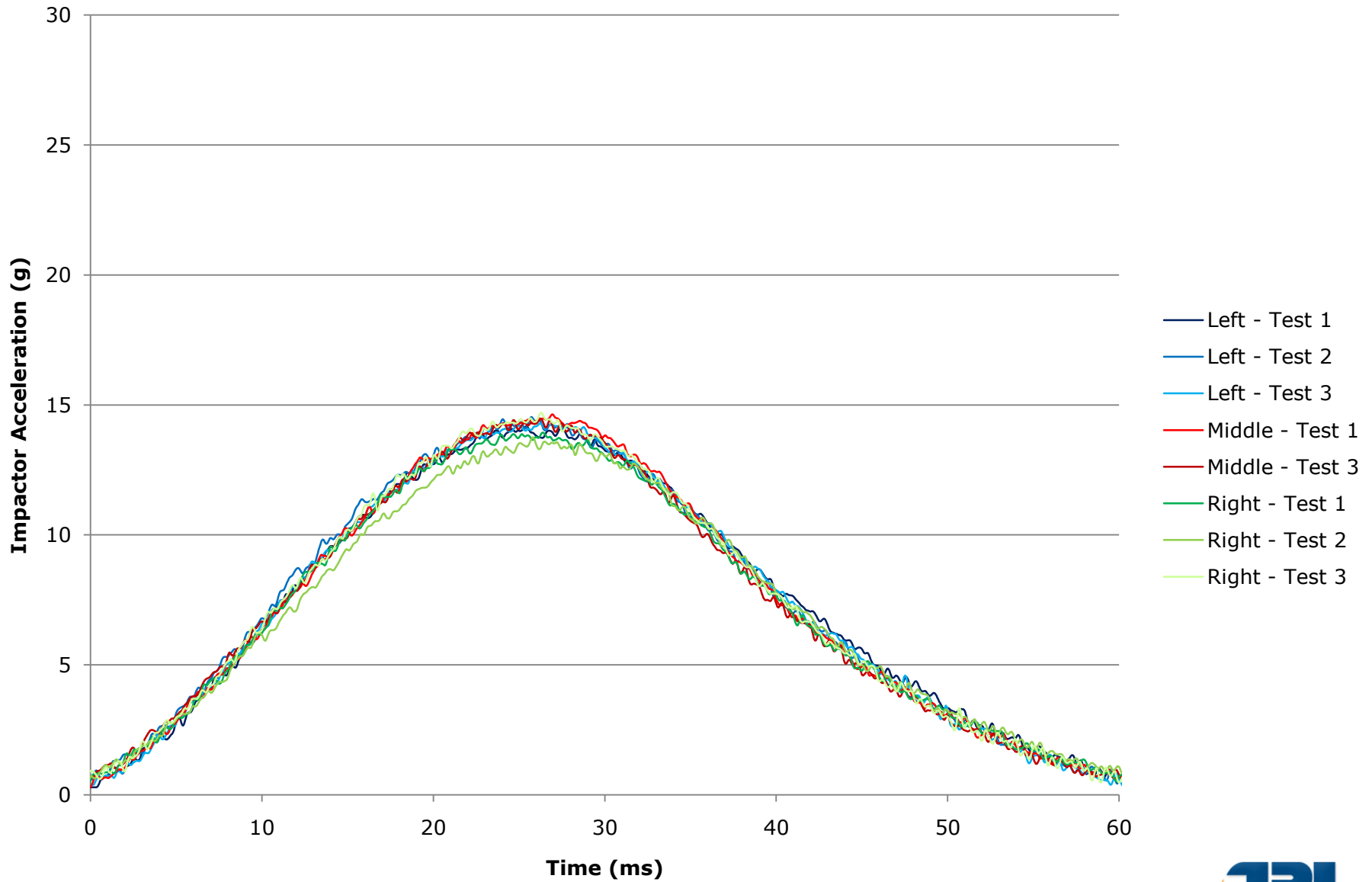
## ■ Drop tests with Headform

- Three positions
- Three heights
  - 250mm
  - 500mm
  - 750mm

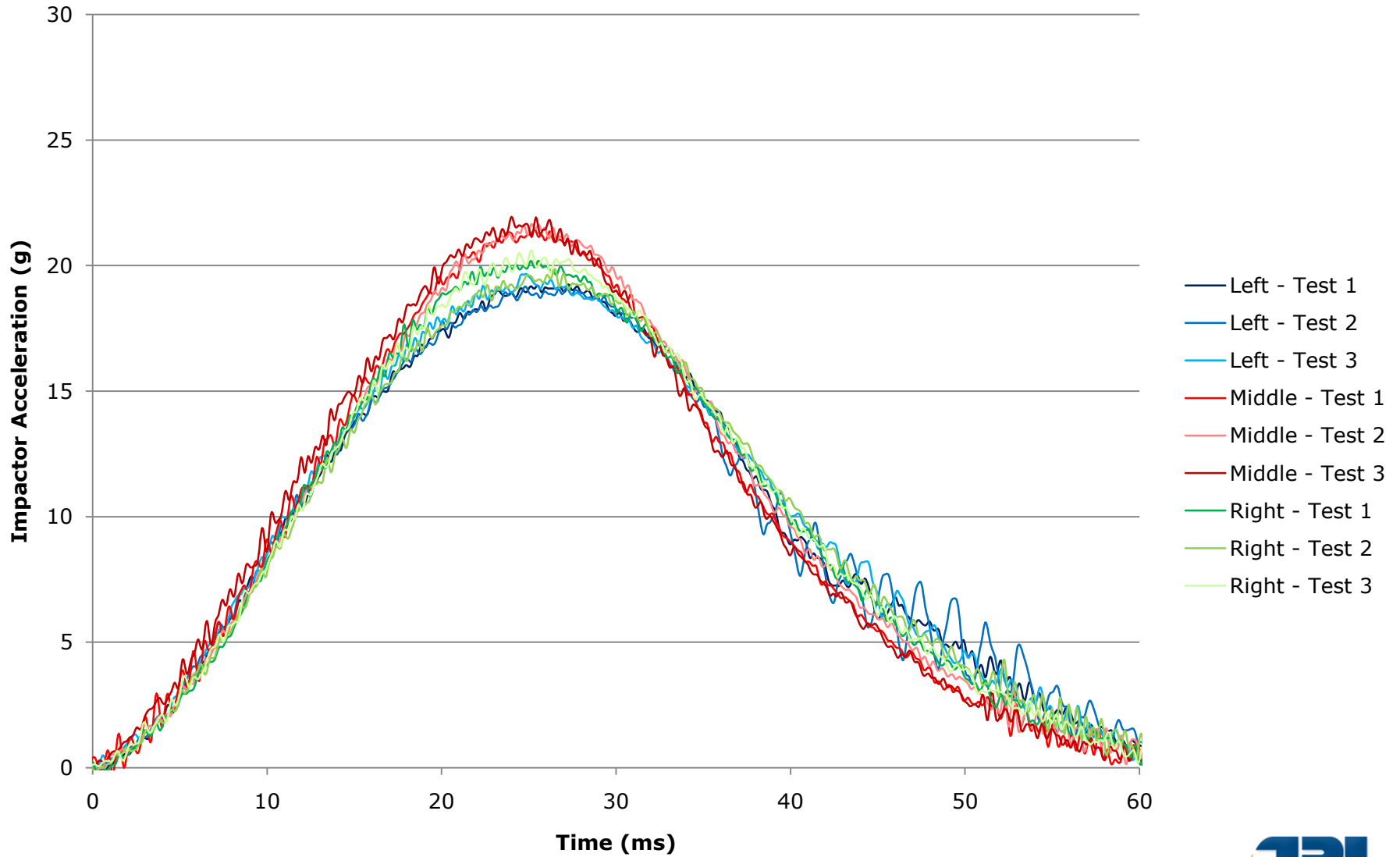


This dimension will change to 800mm

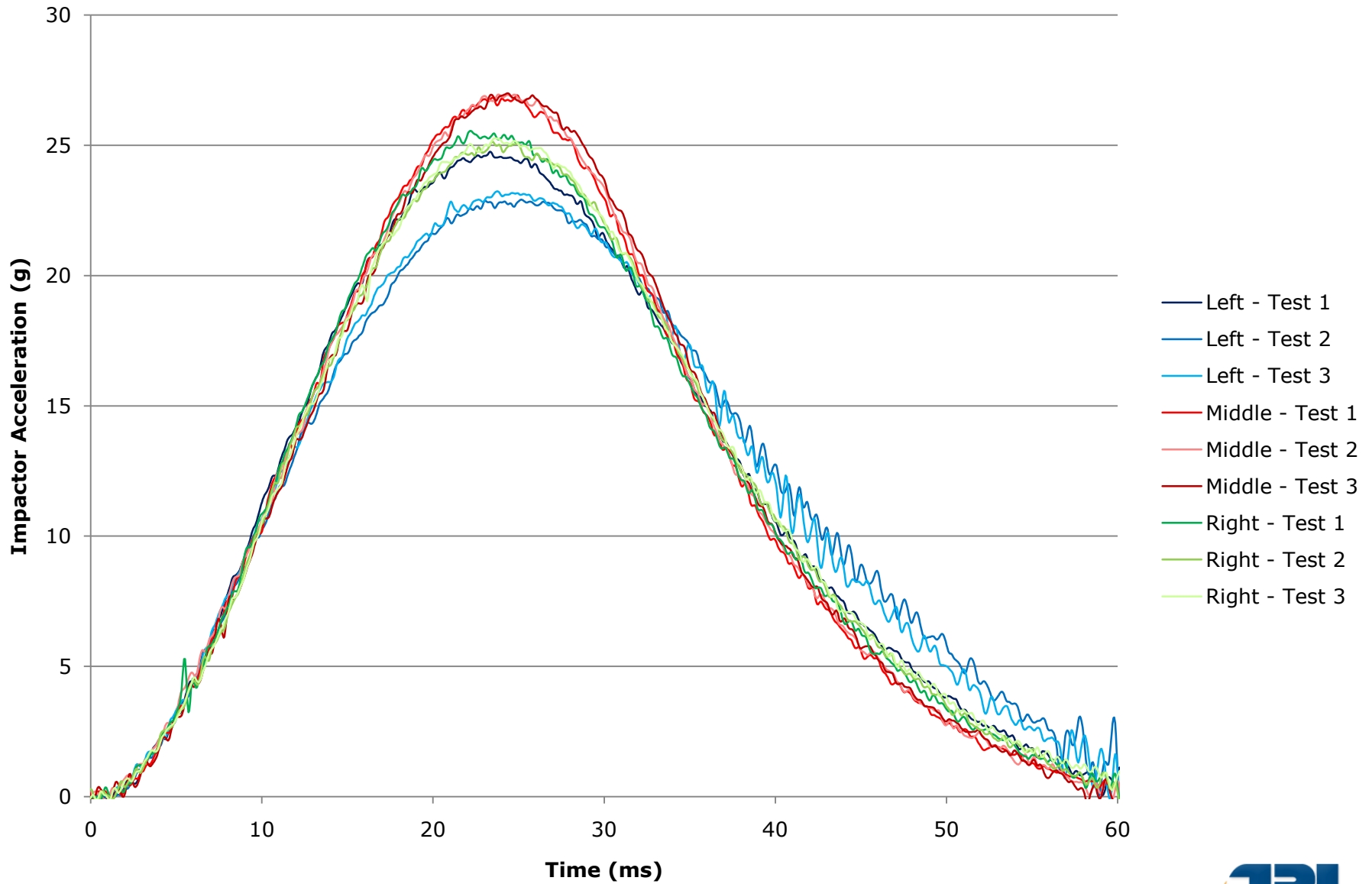
# 250 mm drop



# 500 mm drop



# 750 mm drop







# Middle Drop Height Position

## Means of maximum Accelerations

| Drop height mm | Acceleration g |
|----------------|----------------|
| 250            | 14.6           |
| 500            | 21.7           |
| 750            | 27.0           |

