

Pearson Edexcel GCSE (9–1)

May–June 2022 Assessment Window

Syllabus
reference

1ST0

Statistics Advance Information

You are not permitted to take this notice into the examination.
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Instructions

- Please ensure that you have read this notice before the examination.

Information

- This notice covers all examined components.
- The format/structure of the assessments remains unchanged.
- This advance information details the focus of the content of the exams in the May–June 2022 assessments.
- There are no restrictions on who can use this notice.
- This notice is meant to help students to focus their revision time.
- Students and teachers can discuss advance information.
- This document has 14 pages.

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1. The collection of data	
1(b) Types of data	Describe data
	Grouped data
	Primary/secondary data
1(c) Population and sampling	Sampling methods
1(d) Collecting data	Collecting data
	Cleaning data
2. Processing, representing and analysing data	
2(a) Tabulation, diagrams and representation	Diagrams and representation
	Pictograms
	Time series
	Stem and leaf diagrams
	Population pyramids
	Choropleth maps
	Frequency polygons
	Skew
2(b) Measures of central tendency	Simple measures of average
	Averages from grouped data
	Linear interpolation
2(c) Measures of dispersion	Simple measures of spread
2(e) Scatter diagrams and correlation	Correlation
2(h) Estimation	Sample size
3. Probability	
	Simple probabilities
	Experimental and theoretical probability
	Venn diagrams



1. The collection of data	
1(a) Planning	Hypotheses
1(b) Types of data	Grouped data
	Types of variables
	Primary/secondary data
1(c) Population and sampling	Population
	Types of sampling
	Simple random sample
	Bias
1(d) Collecting data	Sources
	Reliability and validity
	Collecting data
2. Processing, representing and analysing data	
2(a) Tabulation, diagrams and representations	Tabulations
	Tally charts
	Pie charts
	Bar charts
	Scatter diagrams
	Box plots
2(b) Measures of central tendency	Simple measures of average
	Averages from grouped data
2(c) Measures of dispersion	Measures of spread
	Outliers
2(d) Further summary statistics	Index numbers
	Rates of change



2(e) Scatter diagrams and correlation	Correlation
	Lines of best fit
2(h) Estimation	Sample size
3. Probability	
	Estimates of probabilities
	Probability scale
	Statements of likelihood
	Expected frequency
	Relative and absolute risks
	Experimental and theoretical probabilities
	Tree diagrams
	Independent events



Foundation Tier: Collated content for Paper 1F and 2F

1. The collection of data	
1(a) Planning	Hypotheses
1(b) Types of data	Describe data
	Grouped data
	Types of variables
	Primary and secondary data
1(c) Population and sampling	Population
	Sampling methods
	Simple random sampling
	Types of sampling
	Bias
1(d) Collecting data	Sources
	Collecting data
	Reliability and validity of collected data
	Cleaning data



2. Processing, representing and analysing data

2(a) Tabulation, diagrams and representation	Tabulations
	Diagrams and representation
	Tally charts
	Stem and leaf diagrams
	Pictograms
	Pie charts
	Population pyramids
	Choropleth maps
	Bar charts
	Time series
	Scatter diagrams
	Frequency polygons
	Box plots
Skew	
2(b) Measures of central tendency	Simple measures of average
	Averages from grouped data
	Linear interpolation
2(c) Measures of dispersion	Measures of spread
	Outliers
2(d) Further summary statistics	Index numbers
	Rates of change
2(e) Scatter diagrams and correlation	Correlation
	Lines of best fit
2(h) Estimation	Sample size

3. Probability

Simple probabilities

Estimates of probabilities

Probability scale

Statements of likelihood

Expected frequency

Relative and absolute risks

Experimental and theoretical probability

Tree diagrams

Venn diagrams

Independent events

