

## Liverpool John Moores University

Title: Public Health Intelligence: Basics  
Status: Definitive  
Code: **7014PUBHEA** (123911)  
Version Start Date: 01-08-2020

Owning School/Faculty: Public Health Institute  
Teaching School/Faculty: Public Health Institute

Team	Leader
Ivan Gee	Y

**Academic Level:** FHEQ7      **Credit Value:** 10      **Total Delivered Hours:** 20  
**Total Learning Hours:** 100      **Private Study:** 80

### Delivery Options

Course typically offered: Semester 1

Component	Contact Hours
Lecture	20

**Grading Basis:** 50 %

### Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Report	Analysis	2000 Word Illustrated Report	100	

### Aims

*The course aims to provide knowledge of public health intelligence practice and develop practical skills in the analysis of public health information and the development of public health intelligence.*

### Learning Outcomes

After completing the module the student should be able to:

- 1 Critically discuss the range of tools used in public health analysis
- 2 Conduct fundamental analysis of public health data using Microsoft Excel
- 3 Present health data using suitable statistical and graphical tools

### **Learning Outcomes of Assessments**

The assessment item list is assessed via the learning outcomes listed:

Analysis of public health data	1	2	3
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### **Outline Syllabus**

*Introduction to health intelligence, data sources and common health indicators; Tools for comparison of health between areas (use of crude and standardised rates); fundamentals of uncertainty in public health data (confidence intervals and presenting public health data (graphs and infographics); basic mapping of health data.*

### **Learning Activities**

Learning will involve informal lectures with discussion and classroom based exercises using classroom iPads, and extensive use of practical sessions in IT suites. The course will also make use of online resources and discussion boards.

### **Notes**

The course will provide knowledge of the purpose of health intelligence and the methods used to transform health information in to useful health intelligence. The course will make extensive use of IT based sessions to embed learning and develop practical skills