



Republic of the Philippines
Department of Education
Region IV-A
SCHOOLS DIVISION OF QUEZON PROVINCE

DIVISION ADVISORY NO. 128, s. 2021
September 14, 2021

In reference to the letter from Data Science and Research Webinars (STARTOne), this Advisory is issued for the information of all School Health Personnel and All Other Concerned:

INTRODUCTION TO STATISTICAL ANALYSIS IN PUBLIC HEALTH TRAINING-WORKSHOP

The workshop entitled **Introduction to Statistical Analysis in Public Health Training** will be on November 3-5, 2021 via ZOOM. Please find the attached for the details of this advisory.

Participation to the said activity should be **voluntary** and related cost which may be incurred by the participants shall be on **personal expense or sourced from a legitimate local government unit donor**. Participants are also reminded to **strictly observe Time-On-Task Policy**, and **strict compliance to No Disruption of Classes Policy** of the Department as stipulated in DepEd Order No. 09, s. 2005.

Please be guided accordingly.

ELIAS A. ALICAYA JR., EdD
Assistant Schools Division Superintendent
Officer-In-Charge
Office of the Schools Division Superintendent

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| DEPED - QUEZON ICT UNIT | |
| UPLOADED | |
| Date/Time: | <u>09/15/21 4:59 PM</u> |
| By: | <u>IAA</u> |
| Ref. no. | <u>DA 128, s. 2021</u> |

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Fwd: INVITATION: Introduction to Statistical Analysis in Public Health Training-Workshop - November 3 to 5, 2021

DepEd Quezon <quezon@deped.gov.ph>
To: SDS Office <sdo.quezon.sds@deped.gov.ph>

Thu, Sep 9, 2021 at 12:42 PM

----- Forwarded message -----

From: **Data Science and Research Webinars (STRATOne)** <datascience@strat-onephils.com>

Date: Thu, Sep 9, 2021 at 12:36 PM

Subject: INVITATION: Introduction to Statistical Analysis in Public Health Training-Workshop - November 3 to 5, 2021

To: 4. Quezon ELIAS A. ALICAYA, JR. (OIC) <quezon@deped.gov.ph>

Introduction to Statistical Analysis in Public Health Training-Workshop - November 3 to 5, 2021(via ZOOM)

In the study of Norström (2015) on Poor quality in the reporting and use of statistical methods in public health – the case of unemployment and health, he found that the majority of articles failed to meet the bulk of these criteria. These criteria included conformity to a linear gradient (100 percent of articles), validation of the statistical model (100 percent of articles), collinearity of independent variables (97 percent of articles), fitting procedure (93 percent of articles), goodness of fit test (78 percent of articles), variable selection (68 percent for the candidate model; 88 percent for the final model), and interactions between independent and dependent variables (66 percent). Fewer, but still disturbingly numerous, papers did not meet the criteria for coefficients reported in statistical models (48 percent), variable coding (34 percent), and discussion of methodological problems (34 percent) (24 percent). Further, he found a dearth of specific reporting of statistical significance/confidence intervals; 34% of papers reported just p-values as being greater than or less than the significance level, and 42% did not include confidence ranges. The sole condition that was met at an unquestionably acceptable level was events per variable (2.5 percent). **Let's avoid this, join our workshop this coming November 2021.**

Statistics are a vital part of public health's assessment function, used to identify special risk groups, detect new health threats, plan public health programs and evaluate their success, and prepare government budgets.

In this workshop, participants will be able to:

1. Perform statistical analysis NOT using SPSS, but using JAMOV and JASP (these two are freeware).
2. Review of some principles of epidemiology in public health (bias and confounding).
3. Use JAMOV(freeware) in Measuring Disease Frequency such as: incidence, prevalence, crude rates, specific rates, and standardization.
4. Measures of Risk (Frequency measures, Morbidity, Mortality)

These are just a snapshot of the topics; for more details, please refer to this link (this contains the course description, course outline, objectives, and the program of activities): https://drive.google.com/drive/folders/1uogysPIB9x_t4g-5Zpyx_WxfgAITO8ZT?usp=sharing

Introduction to Statistical Analysis in Public Health Training-Workshop - November 3 to 5, 2021 (P3,000.00 per participant). The registration fee includes digital handouts, Zoom meeting link, datasets, installer of the software, digital certificates (of participation, completion, and attendance), recording of the webinar, and the learning experience. Scanned OFFICIAL RECEIPTS will be provided 4 days upon payment.

To register (copy-paste the link to your web browser): <<<https://forms.gle/N6Qhca5C7uEGGned6>>>

Payment details:

Account Name: Strategic One Business Management Consultancy Firm

Account Number: 3831-0043-38



Bank: Landbank of the Philippines (Alabang Business Center Branch)

Who should attend?

1. Public/government health practitioners/scholars, medical workers.
2. Academicians who are doing and teaching research and statistics in the field of health science and medicine.
3. Private sectors, who are involved in public health.
4. Non-governmental organizations.
5. Students (undergraduate and graduate level in health science/medicine).

Thank you, and have a great year!

Regards,

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