# Week 1 Community assignment instructions

## Instructions

1. Download the Vacciland package…
2. Complete all seven tasks below (*see below, Part 1 and Part 2*)
3. Post your assignment in a Community Update in the IMA Level 1 Scholar community. **DO NOT POST ON YOUR PERSONAL PROFILE**. (You will find instructions how to do this in the Scholar community.)

## Part 1. Data analysis

Before you head into the meeting with the Minister, you want to make sure your data are solid. Most of the cases occurred in the capital, Grandtown, where reported coverage is high. You want to ensure that the data for Grandtown don’t contain any mistakes, so you requested this table with reported doses of MR1 for last year.

Task 1. Flag all the suspicious values. (Outliers, repetitions, etc.) (spend max 15 minutes)

The suspicious figures are:

* In 2012 there was sharp raise of Measles confirm case that indicate outlier
* Repetition of data

Task 2. Review the national and subnational coverage for MR1. Your data manager produces the following tables. What can you conclude from the administrative data?

* The administration data have duplication and inconsistency.

Task 3. Review coverage evaluation survey data. You remember that in 2013, there was a coverage evaluation survey. You pull up the data for that. Does this change your view about coverage at national level? For any of the regions?

Yah. It change my view for Gradtown whose coverage was 115% in 2015

* Task 4. Review the chart with the age distribution of measles cases. Does that tell you anything additional about coverage?

Yah. The number of measles at the age of 20 and above shows there very low coverage in the community. Most of the community do not get measles vaccine at the ages of <1yrs.

## Part 2. Brief the Minister

* Task 5. Brief the Minister (spend max 1/2 hour on this section). Summarize the situation in three bullet points.
* There is highly suspected case of measles I the area which need confirmation
* Formation of Emergency team to investigate the suspect
* Ministry of Health will delayed the outbreak after investigating team conclude their finding
* Task 6. Brief the Minister. Propose three actions to respond to the outbreak.

-Formaation of Emergency team to investigate the rumor from the media and news paper

-Strengthened the surveillance team and reportig.

-RRT to be refresh for any emergency

* Task 7. Formulate recommendations. List your top 3-5 recommendations specific to data strengthening you would prioritize as the EPI and surveillance teams in Vacciland

-Inroduced Computer base data capturing system then paper base

-To improve reporting channel from the facility to County department.

-Training of health staff on data maagement