

HOW TO: Google Forms

Introduction

Google Forms is a free and easy way to collect data about your flock and farm. Rather than storing multiple paper sheets of farm data, anyone with the Form link can fill out information about egg counts, mortalities, or pasture health from their smartphone or computer. Data is automatically uploaded to a spreadsheet in Google Drive, and is easy to manipulate and share. Below, we have the steps to setting up your own Google Form for farm data collection, as well as ideas about what data you might collect on a daily or weekly basis. (For further information about setting up a Google Form, see this website: <https://support.google.com/docs/answer/87809?hl=en>)

Data Collection

Potential data to collect on your **flock** might include:

- Daily mortalities
- Daily egg counts
- Uniformity of body weights
 - See this website for more information:
<http://www.hyline.com/asp/redbook/redbook.aspx?s=2&p=43>
- Feed conversion ratio
 - See this website for more information:
https://en.wikipedia.org/wiki/Feed_conversion_ratio
- Behavior
 - Ex: aggressive, lethargic, clustering under coop
- Illness or welfare issues
 - Ex: mites, bumble foot, excessive hen pecking

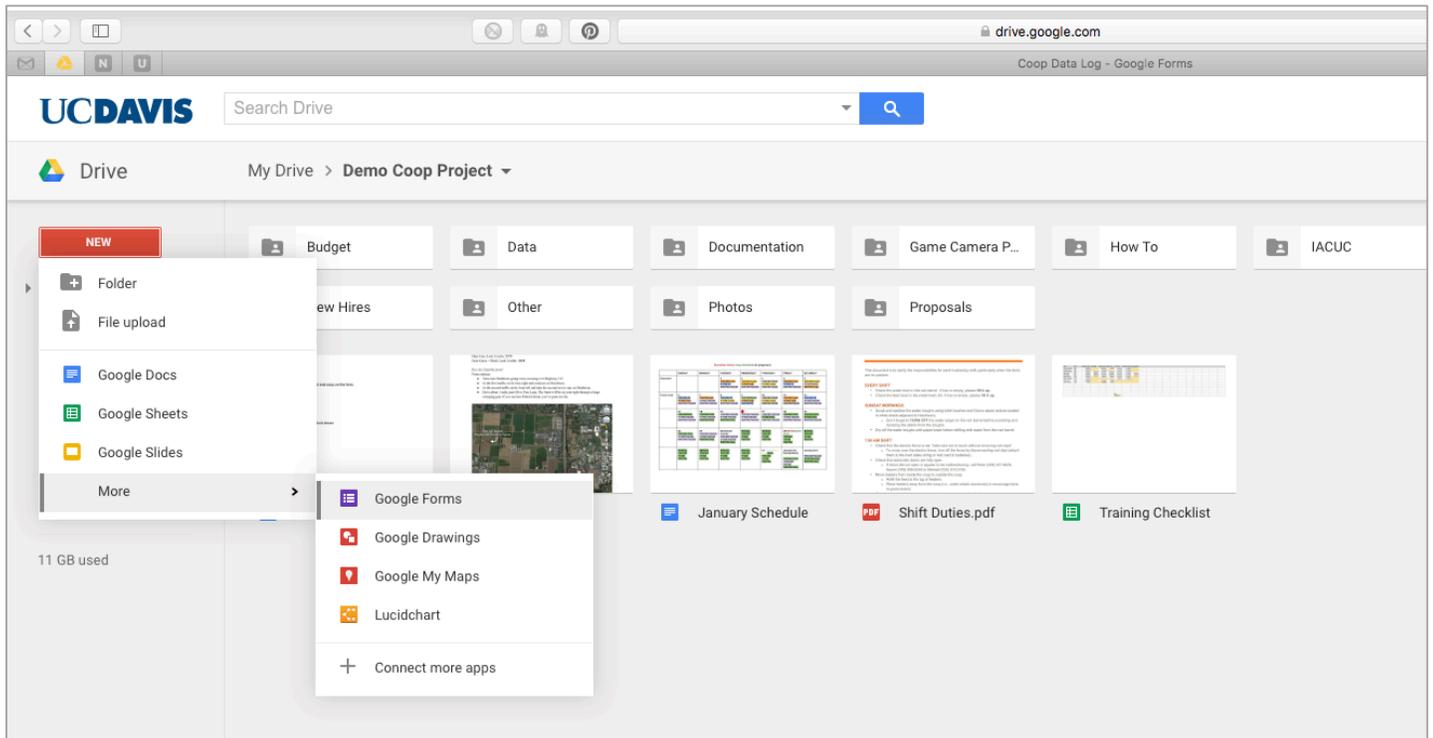
Potential data to collect on your **farm** might include:

- Wildlife and/or predators sighted
- Pasture rotation schedule
 - Ex: dates of last and next coop move/rotation
- Pasture health
 - Ex: visuals of greenness, bare dirt, excessive feces
- Ambient temperature
 - Ex: both inside and outside of coop

Step 1

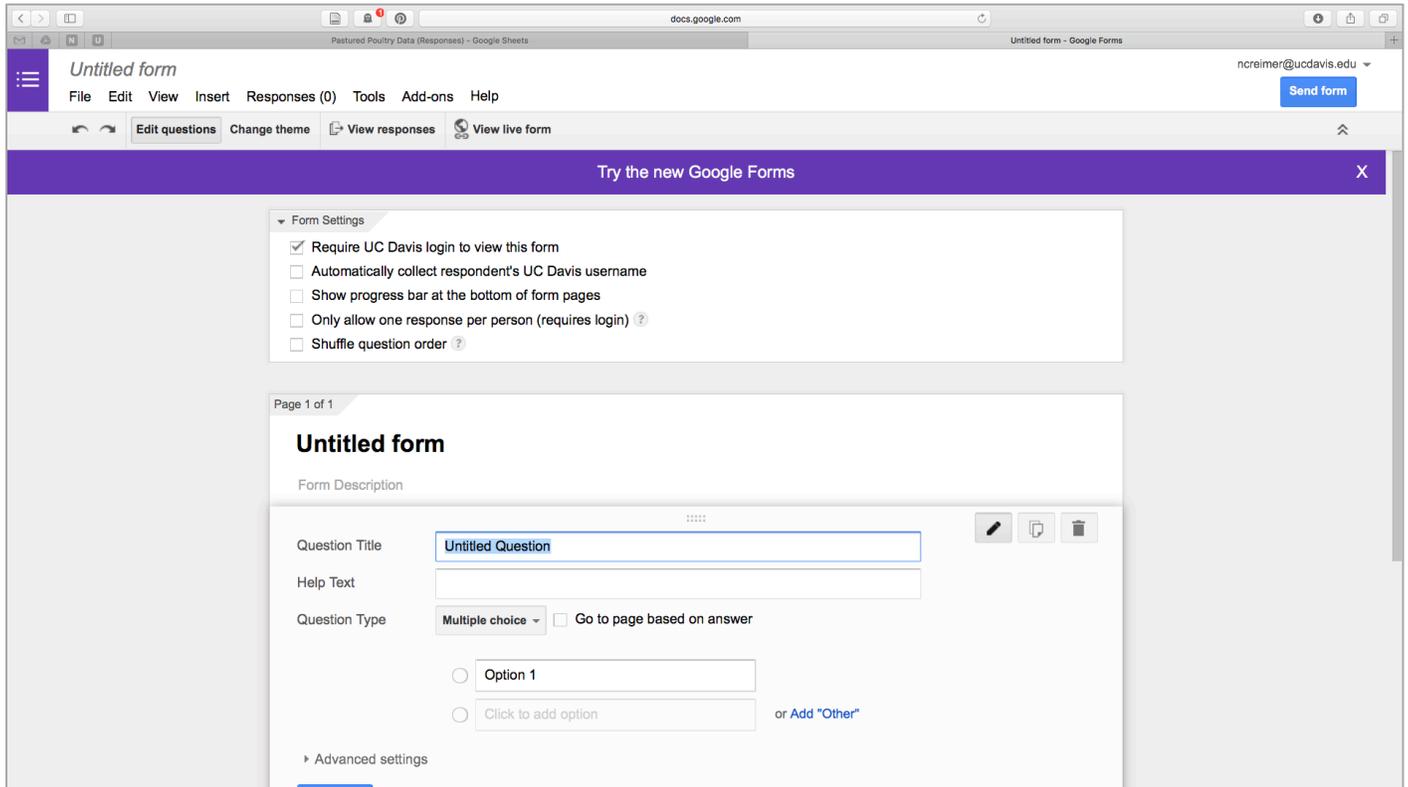
Getting started is easy. If you have a Gmail account, launch Google Drive from your inbox. From your Google Drive window, select the red button New → More → Google Forms. (If you **do not** have a Gmail account, follow the instructions at this website:

<https://accounts.google.com/signUp?service=mail>)



Step 2

Selecting the purple Google Forms icon will open a new tab in your web browser. The template for Google Forms will open, with numerous options including a title, possible form requirements, and question types.



Step 3

Now that you have the template open, you can select a title, add different question types, and make questions 'Required' before proceeding. You can add questions by clicking on the 'Add item' button at the bottom of each box.

Page 1 of 1

Pastured Poultry Data

Form Description

Question Title

Help Text

Question Type

Their answer

Advanced settings

Required question

Step 4

After you've entered all of the questions you want, scroll to the bottom of the page and select the blue 'Send form' button. A window will pop up asking if you would like to share the form via email or using a URL. (If you don't want to share it with anyone, simply copy the URL for your own use with a smartphone or computer.)

Confirmation Page

Your response has been recorded.

Show link to submit another response

Publish and show a public link to form results ?

Allow responders to edit responses after submitting

[Send form](#)

Send form

Link to share

[Embed](#)

Short Url

Share link via:   

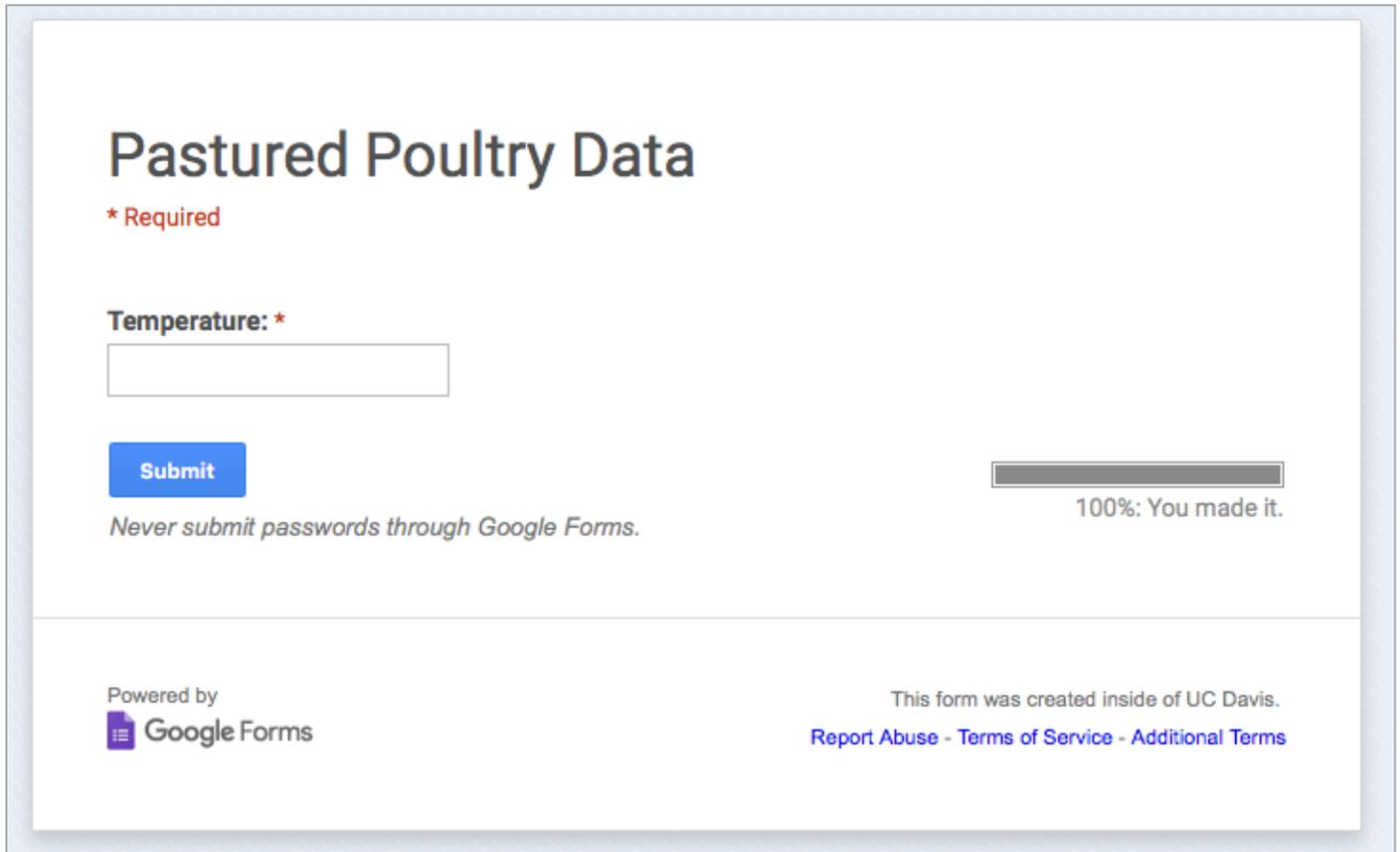
Send form via email:

Looking to invite other editors to this form? [Add collaborators.](#)

[Done](#)

Step 5

Copying and pasting the URL in your web browser on a computer or smartphone will take you to a webpage that looks like the one below. This is called the 'Live form', where you can fill out responses to the questions you created. You can fill out the form when you are out with the chickens, hit submit, and the responses will be recorded automatically in a Google spreadsheet.



The image shows a Google Form titled "Pastured Poultry Data". The form is set to "Required" mode, indicated by a red asterisk. The first question is "Temperature: *", with a text input field below it. A blue "Submit" button is located below the input field. To the right of the input field, there is a progress indicator showing a full grey bar and the text "100%: You made it." Below the input field, there is a warning message: "Never submit passwords through Google Forms." At the bottom left, it says "Powered by Google Forms" with the Google Forms logo. At the bottom right, it says "This form was created inside of UC Davis." followed by links for "Report Abuse - Terms of Service - Additional Terms".

Pastured Poultry Data

* Required

Temperature: *

Submit

100%: You made it.

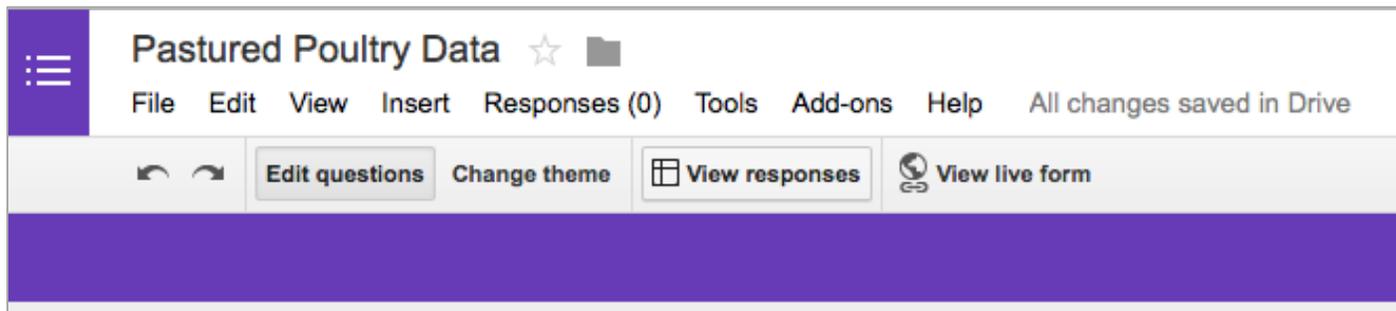
Never submit passwords through Google Forms.

Powered by Google Forms

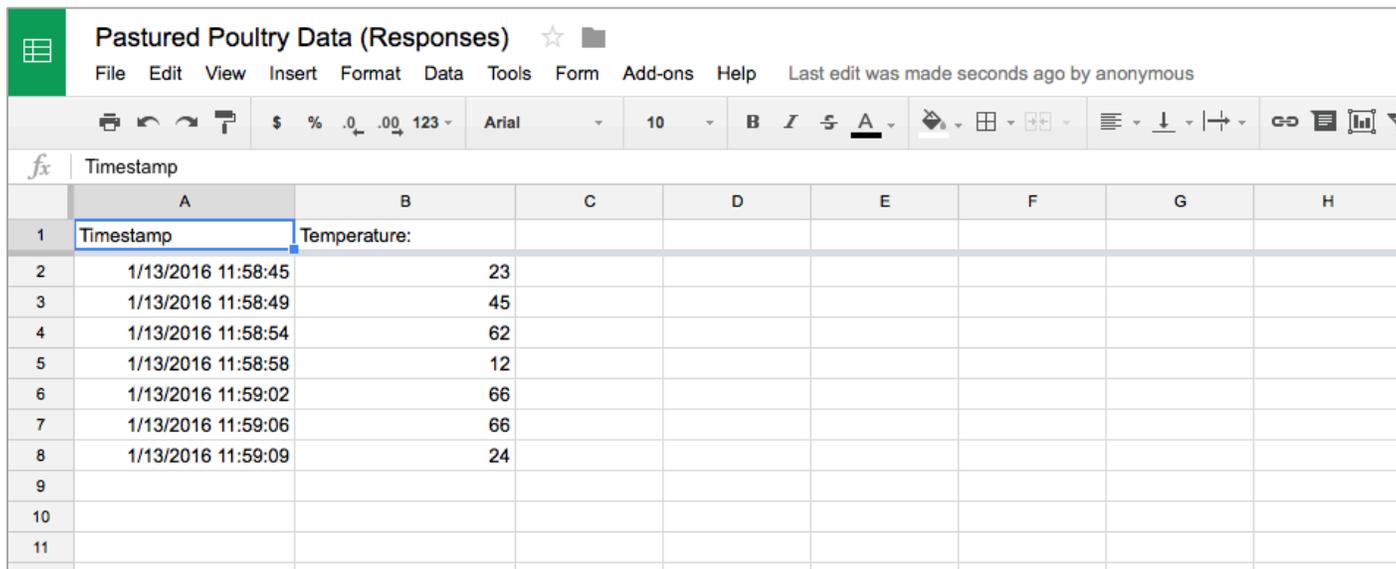
This form was created inside of UC Davis.
[Report Abuse](#) - [Terms of Service](#) - [Additional Terms](#)

Step 6

To access the spreadsheet with your responses, return to the template page of your Google Form. Here you can select the 'View responses' button at the top of the template page, edit your questions further, or view the live form. (You can also access your Google Form template and the associated spreadsheet from your Google Drive folder.)



The response spreadsheet will look like the one below, including a Timestamp column and columns for each of your questions. If you add questions to your form after you've begun collecting data, they will automatically be added in a new column to the right of your data.



	A	B	C	D	E	F	G	H
1	Timestamp	Temperature:						
2	1/13/2016 11:58:45	23						
3	1/13/2016 11:58:49	45						
4	1/13/2016 11:58:54	62						
5	1/13/2016 11:58:58	12						
6	1/13/2016 11:59:02	66						
7	1/13/2016 11:59:06	66						
8	1/13/2016 11:59:09	24						
9								
10								
11								