
Questions about social media use

Welcome to **Survey 2**. Upon completion, you will receive a **\$5 electronic gift card** that you can redeem at Amazon.com and many other online stores.

Remember, you are guaranteed an additional **\$15** completion payment at the end of the study if you **complete Surveys 1-3** and **comply with the rest of the experimental instructions**.

First, we will ask you some questions about your Facebook and smartphone use.

What share of your time on Facebook do you spend interacting one-on-one with people you care about (for example, commenting on their posts or sending private messages)?

None of my Facebook time All of my Facebook time
0 10 20 30 40 50 60 70 80 90 100

In order to guide you through this survey appropriately, we will now ask you some questions about the type of phone that you use.

Do you have the Facebook app on your phone?

- ☐ Yes
☐ No

Is your phone an iPhone?

- ☐ Yes
☐ No

Android-based smartphone or other system

How many **hours** would you say you spent on the Facebook app on your phone **in the past seven days**, in total?

iPhone

As part of this study, we would like to know the amount of time you spent on the Facebook app on your phone in the last few days. You can look this number up quickly in the settings menu of your phone.

Please follow the steps below to retrieve it.

1. Open the **Settings** menu on your iPhone.
2. Within Settings, scroll down and click on the **Battery** icon
3. Wait for the screen to populate
4. Under "Battery Usage", click "**Last ... Days**".
 1. If there is a **clock icon** next to "Last ... days", click on the **clock icon**.
 2. If there is an icon that says "**show activity**" on the right, click on the "**show activity**" icon.
5. Scroll down to see the number of hours (or minutes) you have been using various apps
6. Check the amount of **screen time** you spent on the Facebook app (this could be in hours or in minutes)

Did you find the amount of **screen time** you spent on the Facebook app?

- ☐ Yes
- ☐ No

How many **hours** would you say you spent on the Facebook app on your phone **in the past seven days**, in total?

Please write down the amount of **screen time** you spent on the **Facebook app** according to your **battery report**.

Please specify whether your report is in **hours** (e.g. 7.5 hrs), **minutes** (e.g. 12 min) or **hours and minutes** (e.g. 10 hrs and 20 min).

How many days is the report for?

BDM instructions and 24 hours elicitation

As part of the study, you agreed to deactivate your Facebook account twice for a period of 24 hours; the first 24-hour period of deactivation starts today; the second one starts after Survey 3 (on $\{e://Field/DayEndline\}$, $\{e://Field/DateEndline\}$).

We will now guide you through the deactivation process:

You can temporarily deactivate your Facebook account using the Settings menu on your Facebook page. See [here](#) for more information. If you deactivate, you can choose to come back whenever you want, with your content and friends network unchanged. **You will still be able to use Facebook Messenger even while Facebook is temporarily deactivated.**

IMPORTANT: After deactivation, if you log into the Facebook website or Facebook app, or if you log into ANY app (other than Facebook Messenger) through your Facebook account, Facebook will automatically reactivate your account. Popular apps that offer the Facebook login option include Spotify and Instagram.

Note that once you are deactivated, you can still keep using apps (other than the Facebook app) that you are currently logged into - even if you are logged into them via your Facebook account. ***Your Facebook account will stay deactivated as long as you do not explicitly log into any apps using the Facebook login option, when prompted to login.***

We will **verify** whether or not you deactivated your account by pinging the Facebook URL associated with your account (you provided it in Survey 1); we will check continuously whether your account is deactivated for the entire 24 hours in which it is supposed to be. If you fail to deactivate the account or if you reactivate it before 24 hours have passed, you are not eligible to receive the \$15 completion payment at the end of this study.

Please proceed to the next screen to view the instructions for how to temporarily deactivate your account.

To deactivate your account:

If you are taking this survey on a laptop/PC:

- Navigate to **Facebook.com** and **log into your Facebook account**.
- Click the **downward-pointing arrow** at the top right of any Facebook page.
- Select **Settings**.
- Click **General** in the left column.
- Click **Manage Account**, then click **Deactivate your account**.
- At "reasons for leaving", click **Other, please explain further:** and type **any word you want** in the text box.
- Select **Opt out of receiving future emails** and select **Keep using Messenger** (in case you are using the Facebook Messenger app).
- Click **Deactivate**, then confirm by clicking **Deactivate now**.

If you are taking this survey on a smartphone/tablet:

- **Open the Facebook app** or **navigate to Facebook.com** and **log into your Facebook account**.
- Click the **three horizontal bars** at the bottom or top of any Facebook page.
- Scroll down and select **Settings & Privacy**, and/or **Settings**.
- Scroll down and select **Your Facebook Information**.
- Select **Account Ownership and Control**, and click on **Deactivation and Deletion**.
- Select **Deactivate Account** (pre-selected), scroll down and click **Continue to Account Deactivation**.
- At "Please let us know why you are deactivating", scroll down and click **Other, please explain further:** and type **any word you want** in the text box.
- Select **Opt out of receiving future emails** and select **Keep using Messenger** (in case you are using the Facebook Messenger app).
- Click **Deactivate**.

Did you successfully deactivate your Facebook account? (Soon after you say yes, our system will verify that your account is indeed deactivated)

- ☐ Yes
- ☐ No

Did not deactivate FB account

You need to deactivate your Facebook account before proceeding. Please follow the instructions below.

If you are taking this survey on a laptop/PC:

- Navigate to **Facebook.com** and **log into your Facebook account**.
- Click the **downward-pointing arrow** at the top right of any Facebook page.
- Select **Settings**.
- Click **General** in the left column.
- Click **Manage Account**, then click **Deactivate your account**.
- At "reasons for leaving", click **Other, please explain further:** and type **any word you want** in the text box.
- Select **Opt out of receiving future emails** and select **Keep using Messenger** (in case you are using the Facebook Messenger app).
- Click **Deactivate**, then confirm by clicking **Deactivate now**.

If you are taking this survey on a smartphone/tablet:

- **Open the Facebook app** or **navigate to Facebook.com** and **log into your Facebook account**.
- Click the **three horizontal bars** at the bottom or top of any Facebook page.
- Scroll down and select **Settings & Privacy**, and/or **Settings**.
- Scroll down and select **Your Facebook Information**.
- Select **Account Ownership and Control**, and click on **Deactivation and Deletion**.
- Select **Deactivate Account** (pre-selected), scroll down and click **Continue to Account Deactivation**.

- At "Please let us know why you are deactivating", scroll down and click **Other, please explain further:** and type **any word you want** in the text box.
- Select **Opt out of receiving future emails** and select **Keep using Messenger** (in case you are using the Facebook Messenger app).
- Click **Deactivate**.

Please proceed once you have deactivated your Facebook account. Notice that if you do not deactivate your Facebook account, you will not be eligible to receive the \$15 completion payment at the end of the study.

Deactivated FB account

In order to remain deactivated, **do not log into the Facebook website or app** and **do not log into any other app via your Facebook account** for the next 24 hours.

For example, when you are prompted to log into Spotify or Instagram, and you decide to log in via Facebook, your Facebook account will automatically reactivate.

As noted before, you can still keep using any other apps (other than the Facebook app) that you are currently logged into. Using them will *not* reactivate your Facebook account, *as long as you do not explicitly log into them via your Facebook when prompted to login.*

4 weeks elicitation

We now **offer to pay you to deactivate your Facebook account for a longer period of time**, namely for the next **4 weeks**.

You would receive the payment in 4 weeks. After the deactivation period, you would be able to reactivate your account, with your content and friends network unchanged. **You would still be able to use Facebook Messenger even while Facebook is temporarily deactivated.**

Notice: whether or not you accept our offer to deactivate your Facebook account for the next 4 weeks, you still have to keep your account deactivated for the next 24

hours in order to stay eligible to receive the \$15 completion payment.

The computer has randomly generated an amount of money to offer you to deactivate your Facebook account for the next 4 weeks. Before we tell you what the offer is, we will ask you the smallest offer you would be willing to accept. **If the offer the computer generated is above the amount you give, we will ask you to deactivate for 4 weeks and pay you the offered amount if you do. If the offer is below that amount, we will not ask you to deactivate.**

Remember: the offer has already been drawn and will not change depending on the value you report.

Please consider carefully and then fill in your chosen number below.

I would be willing to keep my Facebook account deactivated for the next 4 weeks if the offer is above (please enter an amount in US dollars and do not include the dollar sign)

If the offer is below this amount I prefer to reactivate my Facebook account after 24 hours.

You reported \$\$ {q://QID58/ChoiceTextEntryValue} as the smallest offer you would accept to keep your Facebook account deactivated for the next 4 weeks.

Please answer the following questions testing your understanding of the instructions:

If the computer generated an offer below \$\$ {q://QID58/ChoiceTextEntryValue}, I will

- ☐ Reactivate my Facebook account in 24 hours. I will continue in the study and receive \$15 upon completion.
- ☐ Keep my Facebook account deactivated for 4 weeks. If I do, I will receive the offered amount as well as \$15 upon completion of the study.
- ☐ Keep my Facebook account deactivated for 6 weeks. If I do, I will receive the offered amount as well as \$15 upon completion of the study.

If the computer generated an offer above $\$ \{q://QID58/ChoiceTextEntryValue\}$, I will

- ☐ Reactivate my Facebook account in 24 hours. I will continue in the study and receive \$15 upon completion.
- ☐ Keep my Facebook account deactivated for 4 weeks. If I do, I will receive the offered amount as well as \$15 upon completion of the study.
- ☐ Keep my Facebook account deactivated for 6 weeks. If I do, I will receive the offered amount as well as \$15 upon completion of the study.

Are you happy with your answer ($\$ \{q://QID58/ChoiceTextEntryValue\}$)?

If **yes**, please **go on with the survey**.

If **no**, please **go back by clicking on the back button below** and modify your answer.

This is your last chance to modify your answer. If you choose to proceed with the survey, you will not be able to come back and modify your answer.

4 weeks. Reservation price < random num

You are offered a payment of $\$ \{e://Field/first_4weeks_num\}$. Based on your answer ($\$ \{q://QID58/ChoiceTextEntryValue\}$), **you do want to keep your Facebook account deactivated for the next 4 weeks at that price.**

For your information: more than half of the participants in the study receive a payment offer of \$0.

To continue in the study, **remain deactivated for the next 4 weeks.**

We will check continuously whether your account is deactivated for the entire 4 weeks in which it is supposed to be by pinging the URL associated with your profile. If you reactivate your account before 4 weeks have passed, you are not guaranteed the \$15 completion payment at the end of this study, and you will not receive the $\$ \{e://Field/first_4weeks_num\}$ we offered you for deactivation.

Once again, notice that **logging back into your Facebook account will reactivate it immediately**. Similarly, **logging into any app that requires Facebook authentication will reactivate your Facebook account**. To remain deactivated, **do not log back in your Facebook account or any app that requires Facebook authentication until you complete the third and last survey**.

Additional 4 weeks deactivation group

We will now offer you an **extra amount of money** to remain deactivated for **4 additional weeks** on top of the 4 weeks we are already paying you to be deactivated for. If you accept our offer, your Facebook account will have to be deactivated for the next 8 weeks. We will pay you for the 4 additional weeks of deactivation in 8 weeks.

Note that we will still pay you the $\$ \{e://Field/first_4weeks_num\}$ offered for the first 4 weeks in 4 weeks. We are asking how much we need to pay you **on top of what we are already paying you** to remain deactivated for 4 additional weeks.

Once again, the offer has already been drawn and will not change depending on the value you report.

Please consider carefully and then fill in your chosen number below.

I would be willing to deactivate for 4 additional weeks (on top of the 4 weeks I am already being paid to be deactivated for) if the extra amount offered is above (please enter an amount in US dollars and do not include the dollar sign)

If the extra amount offered is below this amount I prefer not to deactivate for 4 additional weeks.

You reported $\$ \{q://QID85/ChoiceTextEntryValue\}$ as the smallest offer you would accept to deactivate for 4 additional weeks.

Please answer the following questions testing your understanding of the instructions:

If the computer generated an offer below $\$ \{q://QID85/ChoiceTextEntryValue\}$, I will

- ☐ Not deactivate for 4 additional weeks. I will continue in the study, be paid the agreed amount of money for the first 4 weeks of deactivation, and receive \$15 upon completion.
- ☐ Deactivate my Facebook account for 4 additional weeks. If I do, I will receive the offered amount (on top of the agreed amount for the first 4 weeks of deactivation) as well as \$15 upon completion of the study.
- ☐ Deactivate my Facebook account for 6 additional weeks. If I do, I will receive the offered amount (on top of the agreed amount for the first 4 weeks of deactivation) as well as \$15 upon completion of the study.

If the computer generated an offer above $\$ \{q://QID85/ChoiceTextEntryValue\}$, I will

- ☐ Not deactivate for 4 additional weeks. I will continue in the study, be paid the agreed amount of money for the first 4 weeks of deactivation, and receive \$15 upon completion.
- ☐ Deactivate my Facebook account for 4 additional weeks. If I do, I will receive the offered amount (on top of the agreed amount for the first 4 weeks of deactivation) as well as \$15 upon completion of the study.
- ☐ Deactivate my Facebook account for 6 additional weeks. If I do, I will receive the offered amount (on top of the agreed amount for the first 4 weeks of deactivation) as well as \$15 upon completion of the study.

Are you happy with your answer ($\$ \{q://QID85/ChoiceTextEntryValue\}$)?

If **yes**, please **go on with the survey**.

If **no**, please **go back by clicking on the back button below** and modify your answer.

This is your last chance to modify your answer. If you choose to proceed with the survey, you will not be able to come back and modify your answer.

Additional 4 weeks deactivation group. Reservation price < random num

You are offered a payment of $\$ \{e://Field/second_4weeks_num1\}$ to deactivate your Facebook account for 4 additional weeks. Based on your answer ($\$ \{q://QID85/ChoiceTextEntryValue\}$), **you do want to deactivate your Facebook account for 4 additional weeks at that price.**

Next steps 1

Next steps:

To continue in the study, **keep your Facebook account deactivated for the next 8 weeks.**

We will check continuously whether your account is deactivated for the entire 8 weeks in which it is supposed to be by pinging the URL associated with your profile. If you reactivate your account before 8 weeks have passed, you are not guaranteed to receive the \$15 completion payment at the end of this study, and you will not receive the payments we offered you for deactivation.

Notice that **logging back into your Facebook account will reactivate it immediately.** Similarly, **logging into any app that requires Facebook authentication will reactivate your Facebook account.** To remain deactivated, **do not log back in your Facebook account or any app that requires Facebook authentication for the next 8 weeks.**

Remember, you are promised an additional **\$15** completion payment at the end of the study if you **complete Surveys 1-3** and **comply with the rest of the experimental instructions.**

If you complete the **last survey** we will send you **in 4 weeks**, you will earn an additional \$5.

Thank you for filling out Survey 2. On $\{e://Field/DayEndline\}$ $\{e://Field/DateEndline\}$, we will contact you by **email** to proceed with **Survey 3** (the last survey).

Please click the red arrow below to complete the survey. After completing the survey you will **receive an email containing a \$5 electronic gift card** that you can redeem at Amazon.com and many other online stores.

If you do not get the email within 5 minutes of completing this survey, please

check your spam folder. If you still do not see the email, please send us an email at online-experience-study@stanford.edu

Additional 4 weeks deactivation group. Reservation price \geq random num

You are offered a payment of $\$ \{e://Field/second_4weeks_num1\}$ to deactivate your Facebook account for 4 additional weeks. Based on your answer ($\$ \{q://QID85/ChoiceTextEntryValue\}$), **you do not want to deactivate your account for 4 additional weeks at that price.**

Next steps 2

Next steps:

To continue in the study, **keep your Facebook account deactivated for the next 4 weeks.**

We will check continuously whether your account is deactivated for the entire 4 weeks in which it is supposed to be by pinging the URL associated with your profile. If you reactivate your account before 4 weeks have passed, you are not guaranteed to receive the \$15 completion payment at the end of this study, and you will not receive the payments we offered you for deactivation.

Notice that **logging back into your Facebook account will reactivate it immediately.** Similarly, **logging into any app that requires Facebook authentication will reactivate your Facebook account.** To remain deactivated, **do not log back in your Facebook account or any app that requires Facebook authentication until after we contact you for the third and last survey.**

Remember, you are promised an additional **\$15** completion payment at the end of the study if you **complete Surveys 1-3** and comply with the rest of the experimental instructions.

If you complete the **last survey** we will send you **in 4 weeks**, you will earn an additional \$5.

Thank you for filling out Survey 2. On $\{e://Field/DayEndline\}$ $\{e://Field/DateEndline\}$, we will contact you by **email** to proceed with **Survey 3** (the last survey).

Please click the red arrow below to complete the survey. After completing the survey you will **receive an email containing a \$5 electronic gift card** that you can redeem at Amazon.com and many other online stores.

If you do not get the email within 5 minutes of completing this survey, please check your spam folder. If you still do not see the email, please send us an email at online-experience-study@stanford.edu

4 weeks. Reservation price \geq random num

You are offered a payment of $\{e://Field/first_4weeks_num\}$. Based on your answer ($\{q://QID58/ChoiceTextEntryValue\}$), **you do not want to keep your Facebook account deactivated for 4 weeks at that price.**

For your information: more than half of the participants in the study receive a payment offer of \$0.

To continue in the study, **remain deactivated for the next 24 hours.**

Additional 4 weeks non-deactivation group

In four weeks, we will ask you again to deactivate your Facebook account for 24 hours.

In the last part of this survey, we now offer to pay you to extend that period of deactivation to 4 weeks. In other words, **we now offer to pay you to keep your Facebook account deactivated for 4 weeks starting in 4 weeks.** You will receive the payment in 8 weeks.

Once again, the offer has already been drawn and will not change depending on the value you report.

Please consider carefully and then fill in your chosen number below.

I would be willing to deactivate my Facebook account for 4 weeks starting in 4 weeks if the offer is above (please enter an amount in US dollars and do not include the dollar sign)

If the offer is below this amount I prefer not to deactivate my Facebook account for 4 weeks starting in 4 weeks.

You reported $\$ \{q://QID78/ChoiceTextEntryValue\}$ as the smallest offer you would accept to deactivate your Facebook account for 4 weeks starting in 4 weeks.

Please answer the following questions testing your understanding of the instructions:

If the computer generated an offer below $\$ \{q://QID78/ChoiceTextEntryValue\}$, I will

- ☐ Deactivate my Facebook for 24 hours only starting in 4 weeks. I will continue in the study and receive \$15 upon completion.
- ☐ Deactivate my Facebook account for 4 weeks starting in 4 weeks. If I do, I will receive the offered amount in 8 weeks as well as \$15 upon completion of the study.
- ☐ Deactivate my Facebook account for 6 weeks starting in 4 weeks. If I do, I will receive the offered amount in 10 weeks as well as \$15 upon completion of the study.

If the computer generated an offer above $\$ \{q://QID78/ChoiceTextEntryValue\}$, I will

- ☐ Deactivate my Facebook for 24 hours only starting in 4 weeks. I will continue in the study and receive \$15 upon completion.
- ☐ Deactivate my Facebook account for 4 weeks starting in 4 weeks. If I do, I will receive the offered amount in 8 weeks as well as \$15 upon completion of the study.
- ☐ Deactivate my Facebook account for 6 weeks starting in 4 weeks. If I do, I will receive the offered amount in 10 weeks as well as \$15 upon completion of the study.

Are you happy with your answer ($\$ \{q://QID78/ChoiceTextEntryValue\}$)?

If **yes**, please **go on with the survey**.

If **no**, please **go back by clicking on the back button below** and modify your answer.

This is your last chance to modify your answer. If you choose to proceed with the survey, you will not be able to come back and modify your answer.

Additional 4 weeks non-deactivation group. Reservation price < random num

You are offered an payment of $\$ \{e://Field/second_4weeks_num1\}$ to deactivate your Facebook account for 4 weeks starting in 4 weeks. Based on your answer ($\$ \{q://QID78/ChoiceTextEntryValue\}$), **you do want to deactivate your Facebook account for 4 weeks starting in 4 weeks at that price.**

In 4 weeks time we will ask you to deactivate your account for 4 weeks and will pay you $\$ \{e://Field/second_4weeks_num1\}$ in 8 weeks for doing so.

Next steps 3

Next steps:

To continue in the study, **keep your Facebook account deactivated for the next 24 hours.**

We will check continuously whether your account is deactivated for the entire 24 hours in which it is supposed to be by pinging the URL associated with your profile. **If you reactivate your account before 24 hours have passed, you will are not guaranteed to receive the \$15 completion payment at the end of this study.**

Notice that **logging back into your Facebook account will reactivate it immediately**. Similarly, **logging into any app that requires Facebook authentication will reactivate your Facebook account**. To remain deactivated, **do not log back in your Facebook account or any app that requires Facebook authentication for the next 24 hours.**

We will contact you again in 4 weeks and ask you to deactivate your Facebook account for 4 weeks.

Remember, you are promised an additional **\$15** completion payment at the end of the study if you **complete Surveys 1-3** and comply with the rest of the experimental instructions.

If you complete the **last survey** we will send you **in 4 weeks**, you will earn an additional \$5.

Thank you for filling out Survey 2. On $\{e://Field/DayEndline\}$ $\{e://Field/DateEndline\}$, we will contact you by **email** to proceed with **Survey 3** (the last survey).

Please click the red arrow below to complete the survey. After completing the survey you will **receive an email containing a \$5 electronic gift card** that you can redeem at Amazon.com and many other online stores.

If you do not get the email within 5 minutes of completing this survey, please check your spam folder. If you still do not see the email, please send us an email at online-experience-study@stanford.edu

Additional 4 weeks non-deactivation group. Reservation price \geq random num

You are offered a payment of $\{e://Field/second_4weeks_num1\}$ to deactivate your Facebook account for 4 weeks starting in 4 weeks. Based on your answer ($\{q://QID78/ChoiceTextEntryValue\}$), **you do not want to deactivate your Facebook account for 4 weeks starting in 4 weeks at that price.**

Next steps 4

Next steps:

To continue in the study, **keep your Facebook account deactivated for the next 24 hours.**

We will check continuously whether your account is deactivated for the entire 24 hours in which it is supposed to be by pinging the URL associated with your profile. If you reactivate your account before 24 hours have passed, you are not guaranteed to receive the \$15 completion payment at the end of this study, and you will not receive the payments we offered you for deactivation.

Notice that **logging back into your Facebook account will reactivate it immediately**. Similarly, **logging into any app that requires Facebook authentication will reactivate your Facebook account**. To remain deactivated, **do not log back in your Facebook account or any app that requires Facebook authentication for the next 24 hours**.

Remember, you are promised an additional **\$15** completion payment at the end of the study if you **complete Surveys 1-3** and comply with the rest of the experimental instructions.

If you complete the **last survey** we will send you **in 4 weeks**, you will earn an additional \$5.

Thank you for filling out Survey 2. On \${e://Field/DayEndline} \${e://Field/DateEndline}, we will contact you by **email** to proceed with **Survey 3** (the last survey).

Please click the red arrow below to complete the survey. After completing the survey you will **receive an email containing a \$5 electronic gift card** that you can redeem at Amazon.com and many other online stores.

If you do not get the email within 5 minutes of completing this survey, please check your spam folder. If you still do not see the email, please send us an email at online-experience-study@stanford.edu.

