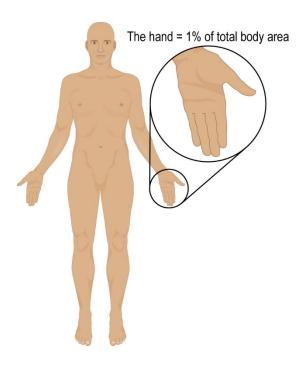
## **Psoriasis and Psoriatic Arthritis Survey**

Thank you for agreeing to take this survey about psoriasis and psoriatic arthritis. First, we would like to ask you a few questions about your experience with psoriasis and psoriatic arthritis.

1.	How	w long ago did a doctor tell you that you have psoriasis?						
		Less than 6 months						
		6 months to less than 1 year						
		1 year to less than 2 years						
		2 years to less than 5 years						
		5 years to less than 10 years						
		10 years or more						
		ow long ago did a doctor tell you that you have psoriatic arthrit						
2.	How	long ago did a doctor tell you that you have psoriatic arthritis?						
2.	How	long ago did a doctor tell you that you have psoriatic arthritis?  Less than 6 months						
2.	How							
2.	How	Less than 6 months						
2.	How □	Less than 6 months 6 months to less than 1 year						
2.	How	Less than 6 months 6 months to less than 1 year 1 year to less than 2 years						

3.	Where	here on your body have you had psoriasis patches in the past week?							
	(Chec	k all that apply.)							
	F	-ace							
		Neck							
		Scalp							
		Senital area							
	□ F	Hands							
	□ F	Feet							
	□ F	Fingernails							
	П Т	oenails							
		Arms (includes elbows)							
		egs (includes hips and knees)							
		Chest or back (includes stomach)							
		Buttocks							
		Other							
	П	have not had any psoriasis patches in the past week							

The amount of body area affected by psoriasis varies from person to person. The area of your hand, both palm and fingers, is about 1% of your total body area.



- 4. About how much of your body area has been covered with psoriasis patches <u>in</u> <u>the past week</u>?
  - 2 hand areas or less
  - 3 to 5 hand areas
  - 6 to 9 hand areas
  - 10 to 14 hand areas
  - 15 to 19 hand areas
  - More than 20 hand areas
  - I have not had any psoriasis patches in the past week

5.	In which of the following places on your body have you had pain, swelling							
	stiffness in the past week because of your psoriatic arthritis?							
	(Check all that apply.)							
	☐ In your fingers							
	☐ In your toes							
	☐ In your feet							
	☐ In your ankles							
	☐ In your knees							
	☐ In your hips							
	☐ In your elbows							
	☐ In your neck							
	☐ In your upper back							
	☐ In your lower back							
	☐ In your shoulders							
	☐ In your buttocks							
	None of the above							

6.		hat treatments have you <u>ever</u> used to treat your psoriasis and psoriatic rthritis? (Check all that apply.)						
		Creams, lotions, ointments, or foams (includes prescription and over-the-counter treatments)						
		Shampoos						
		Oral prescription medicines						
		Light therapy						
		Injectable medicines						
		Intravenous infusions at a doctor's office, infusion center, or hospital						
		Other						
		None of the above						
7.	sele	t least one treatment (other than "Other" or "None of the above") was cted in Q6] What treatments are you <u>currently</u> using to treat your psoriasis psoriatic arthritis? (Check all that apply.)						
		Creams, lotions, ointments, or foams (includes prescription and over-the-counter treatments) [include only if selected in Q6]						
		Shampoos [include only if selected in Q6]						
		Oral prescription medicines [include only if selected in Q6]						
		Light therapy [include only if selected in Q6]						
		Injectable medicines [include only if selected in Q6]						
		Intravenous infusions at a doctor's office, infusion center, or hospital [include only if selected in Q6]						
		Other						
		None of the above						

8.	If creams, lotions, ointments, or foams selected in Q7] How long have you be using the creams, lotions, ointments, or foams that you are <u>currently</u> using?								
	Less than 6 months								
	At least 6 months, but less than 1 year								
	At least 1 year, but less than 2 years								
	At least 2 years, but less than 5 years								
	5 years or more								
9.	[If shampoos selected in Q7] How long have you been using the shampoos that you are <u>currently</u> using?								
	Less than 6 months								
	At least 6 months, but less than 1 year								
	At least 1 year, but less than 2 years								
	At least 2 years, but less than 5 years								
	5 years or more								
10.	[If oral prescription medicines selected in Q7] How long have you been using the oral prescription medicines that you are <u>currently</u> using?								
	Less than 6 months								
	At least 6 months, but less than 1 year								
	At least 1 year, but less than 2 years								
	At least 2 years, but less than 5 years								
	5 years or more								

11.	[If light therapy selected in Q7] How long have you been using light therapy?
	Less than 6 months
	At least 6 months, but less than 1 year
	At least 1 year, but less than 2 years
	At least 2 years, but less than 5 years
	5 years or more
12.	[If injectable medicines selected in Q7] How long have you been taking the injectable medicines that you are <u>currently</u> taking?
	Less than 6 months
	At least 6 months, but less than 1 year
	At least 1 year, but less than 2 years
	At least 2 years, but less than 5 years
	5 years or more
13.	[If intravenous infusions selected in Q7] How long have you been receiving the intravenous infusions that you are <u>currently</u> receiving?
	Less than 6 months
	At least 6 months, but less than 1 year
	At least 1 year, but less than 2 years
	At least 2 years, but less than 5 years
	5 years or more

#### **Psoriasis and Psoriatic Arthritis**

Psoriasis causes patches of scaly, red, or white skin called *plaques*. Psoriatic arthritis causes joint swelling and pain that can lead to permanent damage. Inflammation happens with both psoriasis and psoriatic arthritis because your immune system attacks your body instead of something outside of it. These two conditions are often related, but you may have skin problems and joint problems in different parts of your body.

Please go to the next page.

### **Symptoms of Psoriasis and Psoriatic Arthritis**

The next few pages of this survey will describe different symptoms of psoriasis and psoriatic arthritis, including potential impacts on your daily activities. These symptoms are presented in three groups: skin symptoms, joint symptoms, and the impact of these conditions on your daily activities. This information will help you answer questions later in the survey. You can refer back to this information as you take the survey.

Please go to the next page.

# **Skin Symptoms**

Symptom	Description				
Itching skin	Physically irritated skin resulting in the urge to scratch				
Redness of skin	Red or salmon-pink color of psoriasis-affected skin				
Flaking skin	Skin shedding				
Painful skin	Painful inflamed or broken skin				
Nail problems	Discoloration or pitting of the fingernails or toenails or separation of the nail from the nail bed				
Difficulty choosing clothing	Skin problems influencing the clothing you wear				
Embarrassment	Being embarrassed or self-conscious because of your skin				

14.	Please indicate which of the following skin symptoms you have ever
	experienced. (Check all that apply.)
	☐ Itching skin
	Redness of skin
	Flaking skin
	Painful skin
	Nail problems
	Difficulty choosing clothing
	Embarrassment

15.	[If a	at least one symptom was selected in Q14] Please indicate which of the							
	follo	following skin symptoms you have experienced in the past week.							
	(Ch	eck all that apply.)							
		Itching skin [If selected in Q14]							
		Redness of skin [If selected in Q14]							
		Flaking skin [If selected in Q14]							
		Painful skin [If selected in Q14]							
		Nail problems [If selected in Q14]							
		Difficulty choosing clothing [If selected in Q14]							
		Embarrassment [If selected in Q14]							
		I have not had any of these skin symptoms in the past week [Can only							
		select this response if no other response to the question; if selected, skip to							
		next section "Joint symptoms"]							

16. [If at least one symptom was selected in Q15] Select the number that best describes how severe each of your skin symptoms has been in the past week: Itching skin [If selected in Q15] None Extreme Redness of skin [If selected in Q15] None Extreme Flaking skin [If selected in Q15] Extreme None Painful skin [If selected in Q15] Extreme None Nail problems [If selected in Q15] None Extreme Difficulty choosing clothing [If selected in Q15] No Extreme difficulty difficulty

Embarrassment [If selected in Q15]

No 0 1 2 3 4 5 6 7 8 9 10 Extreme difficulty

17. Select the number that best describes how much your skin symptoms have affected you overall in the past week.

Did not ,												Severely
	0	4	2	2	1	5	6	7	Q	٥	10	Severely
affect how	U	' '		٥	-	3	٥	l '	0	9	10	affected
I felt at all								l	l	l		1
i i cit at all												I how I felt

# **Joint Symptoms**

Symptom	Description
Joint pain, soreness, or tenderness	Stiffness, pain, throbbing, swelling, and tenderness in one or more joints
Swelling of fingers or toes	Sausage-like swelling of one or more fingers or toes
Fatigue	Tiredness and lack of energy that doesn't go away with sleep
Morning stiffness	Stiffness after resting that makes it difficult to move your joints
Eye problems	Eye swelling, redness in or around your eyes, eye pain, and/or blurry vision
Difficulty dressing	Difficulty tying shoelaces and buttoning your clothes
Difficulty walking	Difficulty walking at a normal speed

18.	Please indicate which of the following joint symptoms you have <u>ever</u>	
	experienced. (Check all that apply.)	
	Joint pain, soreness, or tenderness	
	Swelling of fingers or toes	
	Fatigue	
	Morning stiffness	
	Eye problems	
	Difficulty dressing	
	☐ Difficulty walking	

19.	[If at	t least one symptom was selected in Q18] Please indicate which of the
	follo	wing joint symptoms you have experienced in the past week. (Check all that
	app	ly.)
		Joint pain, soreness, or tenderness [If selected in Q18]
		Swelling of fingers or toes [If selected in Q18]
		Fatigue [If selected in Q18]
		Morning stiffness [If selected in Q18]
		Eye problems [If selected in Q18]
		Difficulty dressing [If selected in Q18]
		Difficulty walking [If selected in Q18]
		I have not had any of these joint symptoms in the past week [Can only
		select this response if no other response to the question; if selected, skip to
		next section "Impact of Psoriasis and Psoriatic Arthritis on Daily Activities"]

20. [If at least one symptom was selected in Q19] Select the number that best describes how severe each of your joint symptoms has been in the past week: Joint pain, soreness, or tenderness [If selected in Q19] None Extreme Swelling of fingers or toes [If selected in Q19] None Extreme Fatigue [If selected in Q19] Extreme None Morning stiffness [If selected in Q19] Extreme None Eye problems [If selected in Q19] Extreme None Difficulty dressing [If selected in Q19] No Extreme difficulty difficulty Difficulty walking [If selected in Q19] No Extreme

difficulty

difficulty

21. Select the number that best describes how much your joint symptoms have affected you overall in the past week.

Did not ,												Soverely
affect how	0	1	2	3	4	5	6	7	8	9	10	Severely
I felt at all												how I felt

# Impact of Psoriasis and Psoriatic Arthritis on Daily Activities

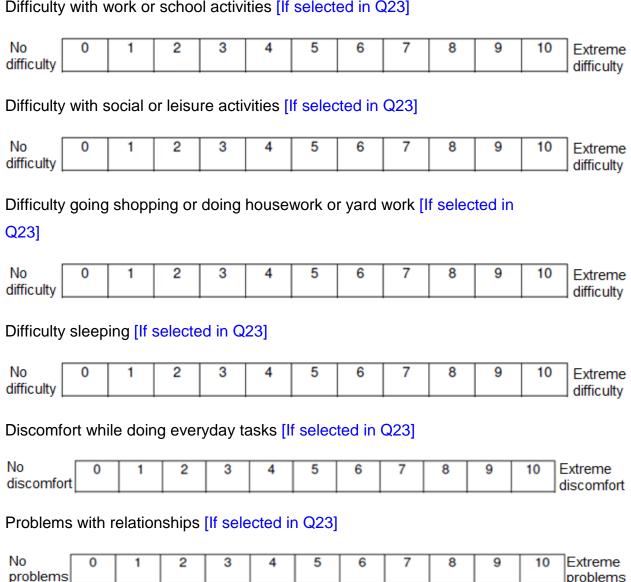
Impact on Daily Activities	Description
Difficulty with work or school activities	Difficulty doing your normal work or schoolwork because of your psoriasis or psoriatic arthritis
Difficulty with social or leisure activities	Difficulty doing your normal social or leisure activities because of your psoriasis or psoriatic arthritis
Difficulty going shopping or doing housework or yard work	Difficulty going shopping or looking after your home or yard because of your psoriasis or psoriatic arthritis
Difficulty sleeping	Having poor sleep quality or sleep interruptions because of your psoriasis or psoriatic arthritis
Discomfort while doing everyday tasks	Discomfort doing everyday tasks, such as eating, bathing, or going to the bathroom, because of your psoriasis or psoriatic arthritis
Problems with relationships	Problems with partner, close friends, or family because of your psoriasis or psoriatic arthritis

22.	Please indicate which of the following impacts on daily activities that you have				
	eve	experienced. (Check all that apply.)			
		Difficulty with work or school activities			
		Difficulty with social or leisure activities			
		Difficulty going shopping or doing housework or yard work			
		Difficulty sleeping			
		Discomfort while doing everyday tasks			
		Problems with relationships			
		I have never experienced any of these impacts on my daily activities [Can			
		only select this response if no other response to the question; if selected,			
		skip to next section "Burden of Symptoms of Psoriasis and Psoriatic			
		Arthritis"]			

23.	[If a	t least one impact was selected in Q22] Please indicate which of the following
	imp	acts on daily activities you have experienced in the past week.
	(Ch	eck all that apply.)
		Difficulty with work or school activities [If selected in Q22]
		Difficulty with social or leisure activities [If selected in Q22]
		Difficulty going shopping or doing housework or yard work [If selected in Q22]
		Difficulty sleeping [If selected in Q22]
		Discomfort while doing everyday tasks [If selected in Q22]
		Problems with relationships [If selected in Q22]
		I have not had difficulty with any daily activities in the past week [Can only
		select this response if no other response to the question; if selected, skip to
		next section "Burden of Symptoms of Psoriasis and Psoriatic Arthritis"]

24. [If at least one impact was selected in Q23] Select the number that best describes how severe each of the impacts on daily living has been in the past week:

Difficulty with work or school activities [If selected in Q23]



### **Burden of Symptoms of Psoriasis and Psoriatic Arthritis**

We are interested in knowing how bothered you would be by each of the symptoms described earlier in this survey.

Even if you are not currently experiencing these symptoms or have never experienced these symptoms in the past, we would like to know how bothered you would be if you experienced these symptoms.

The table below shows 5 possible symptoms. Please tell us which one would bother you the <u>most</u>. In other words, which one would you <u>want to avoid the most</u>?

#### **BWS Question 1**

I would be bothered by this the MOST (Check only ONE)	Symptom
	Problems with relationships
	Joint pain, soreness, or tenderness
	Difficulty with social or leisure activities
	Redness of skin
	Difficulty sleeping

25.	In the previous question, you told us that [insert symptom chosen in previous					
	question] was the most bothersome symptom.					
	That means that you think that [insert symptom chosen in previous question] is more bothersome than,, and [insert 4 symptoms not chosen in previous question].					
	Is that correct?					
	Yes					
	☐ No					
[If yes	, go to next page.]					
[If no,	show previous BWS question with the following heading: "Please indicate which					
of the	se 5 symptoms would bother you the most by checking the box to the left of the					
sympt	om."]					

### [Do not allow respondents to select the feature checked in the previous question.]

Now, please tell us which of these same 5 symptoms bothers you the <u>least</u>. In other words, which one would you choose <u>if you had to experience</u> one of these symptoms?

Symptom	I would be bothered by this the LEAST (Check only ONE)
Problems with relationships	
Joint pain, soreness, or tenderness	
Difficulty with social or leisure activities	
Redness of skin	
Difficulty sleeping	

26.	In the previous question, you told us that [insert symptom chosen in previous question] was the least bothersome symptom.				
	That means that you think that [insert symptom chosen in previous question] is less bothersome than,, and [insert 4 symptoms not chosen in previous question].				
	Is that correct?				
	Yes				
	☐ No				
[If ye:	s, go to next page.]				
_	, show previous BWS question with the following heading: "Please indicate which ese 5 symptoms would bother you the <u>least</u> by checking the box to the right of the				

symptom."]

For each of the next 15 questions, we will show you a set of 5 symptoms.

For each set of symptoms, please select the symptom that would bother you the <u>most</u> by checking the box to the left of the symptom.

Then, please select the symptom that would bother you the <u>least</u> by checking the box to the <u>right</u> of that symptom.

Please choose only 1 symptom as the one that would bother you the most and 1 symptom that would bother you the least in each question.

I would be bothered by this the MOST (Check only ONE)	Symptom	I would be bothered by this the LEAST (Check only ONE)
	Redness of skin	
	Swelling of fingers or toes	
	Itching skin	
	Painful skin	
	Difficulty going shopping or doing housework or yard work	

I would be bothered by this the MOST (Check only ONE)	Symptom	I would be bothered by this the LEAST (Check only ONE)
	Joint pain, soreness, or tenderness	
	Morning stiffness	
	Difficulty with work or school activities	
	Flaking skin	
	Discomfort while doing everyday tasks	

I would be bothered by this the MOST (Check only ONE)	Symptom	I would be bothered by this the LEAST (Check only ONE)
	Discomfort while doing everyday tasks	
	Difficulty going shopping or doing housework or yard work	
	Difficulty dressing	
	Difficulty choosing clothing	
	Difficulty walking	

I would be bothered by this the MOST (Check only ONE)	Symptom	I would be bothered by this the LEAST (Check only ONE)
	Flaking skin	
	Itching skin	
	Morning stiffness	
	Embarrassment	
	Nail problems	

I would be bothered by this the MOST (Check only ONE)	Symptom	I would be bothered by this the LEAST (Check only ONE)
	Difficulty choosing clothing	
	Nail problems	
	Problems with relationships	
	Eye problems	
	Painful skin	

I would be bothered by this the MOST (Check only ONE)	Symptom	I would be bothered by this the LEAST (Check only ONE)
	Difficulty dressing	
	Difficulty with social or leisure activities	
	Difficulty walking	
	Fatigue	
	Embarrassment	

I would be bothered by this the MOST (Check only ONE)	Symptom	I would be bothered by this the LEAST (Check only ONE)
	Difficulty sleeping	
	Fatigue	
	Swelling of fingers or toes	
	Difficulty with work or school activities	
	Eye problems	

I would be bothered by this the MOST (Check only ONE)	Symptom	I would be bothered by this the LEAST (Check only ONE)
	Painful skin	
	Difficulty dressing	
	Flaking skin	
	Joint pain, soreness, or tenderness	
	Fatigue	

I would be bothered by this the MOST (Check only ONE)	Symptom	I would be bothered by this the LEAST (Check only ONE)
	Eye problems	
	Flaking skin	
	Difficulty walking	
	Problems with relationships	
	Itching skin	

I would be bothered by this the MOST (Check only ONE)	Symptom	I would be bothered by this the LEAST (Check only ONE)
	Difficulty going shopping or doing housework or yard work	
	Difficulty with work or school activities	
	Painful skin	
	Difficulty with social or leisure activities	
	Nail problems	

I would be bothered by this the MOST (Check only ONE)	Symptom	I would be bothered by this the LEAST (Check only ONE)
	Swelling of fingers or toes	
	Discomfort while doing everyday tasks	
	Embarrassment	
	Problems with relationships	
	Joint pain, soreness, or tenderness	

I would be bothered by this the MOST (Check only ONE)	Symptom	I would be bothered by this the LEAST (Check only ONE)
	Morning stiffness	
	Redness of skin	
	Eye problems	
	Swelling of fingers or toes	
	Difficulty with social or leisure activities	

I would be bothered by this the MOST (Check only ONE)	Symptom	I would be bothered by this the LEAST (Check only ONE)
	Difficulty walking	
	Embarrassment	
	Difficulty choosing clothing	
	Redness of skin	
	Difficulty with work or school activities	

I would be bothered by this the MOST (Check only ONE)	Symptom	I would be bothered by this the LEAST (Check only ONE)
	Fatigue	
	Difficulty choosing clothing	
	Difficulty going shopping or doing housework or yard work	
	Morning stiffness	
	Difficulty sleeping	

I would be bothered by this the MOST (Check only ONE)	Symptom	I would be bothered by this the LEAST (Check only ONE)
	Nail problems	
	Difficulty sleeping	
	Discomfort while doing everyday tasks	
	Difficulty dressing	
	Itching skin	

### **Other Questions About You**

27.	In what year were you born?			
28. What is you		at is your gender?		
		Female		
		Male		
		Prefer not to answer		
29.	Hov	would you describe your race or ethnicity? (Check all that apply.)		
		White or Caucasian		
		Black or African American		
		Asian		
		Hispanic or Latino		
		Native Hawaiian or other Pacific Islander		
		American Indian or Alaska Native		
		Other		
		Prefer not to answer		
30.	Wha	What is your marital status?		
		Single/never married		
		Married/living as married/civil partnership		
		Divorced or separated		
		Widowed/surviving partner		
		Other		
		Prefer not to answer		

31.	What is the highest level of education you have completed?		
		Less than high school	
		Some high school	
		High school or equivalent (e.g., GED)	
		Some college but no degree	
		Technical school	
		Associate's degree (2-year college degree)	
		4-year college degree (e.g., BA, BS)	
		Some graduate school but no degree	
		Graduate or professional degree (e.g., MBA, MS, MD, PhD)	
32.	Which of the following best describes your employment stat		
		Employed full time	
		Employed part time	
		Self-employed	
		Homemaker	
		Student	
		Retired	
		Disabled/unable to work	
		On medical leave of absence from work	
		Unemployed but looking for work	
		Unemployed and not looking for work	

33.	Wha	at type of health insurance do you have? (Check all that apply.)
		I do not have health insurance
		Private insurance that I pay for myself
		Private insurance that my or my spouse's employer pays all or part of
		Medicaid
		Medicare
		Veterans Health insurance
		Other
		Don't know/not sure
34.	Wha	at was your total household income before tax and other deductions in 2015?
		Less than \$20,000
		\$20,000 to \$29,999
		\$30,000 to \$39,999
		\$40,000 to \$49,999
		\$50,000 to \$59,999
		\$60,000 to \$69,999
		\$70,000 to \$79,999
		\$80,000 to \$89,999
		\$90,000 to \$99,999
		\$100,000 to \$149,999
		\$150,000 to \$199,999
		\$200,000 or more
		Don't know/not sure
		Prefer not to answer