

Germany		Population Responses
Total		1102 100.00%

Table 1
 What is your gender?
 Base: All Respondents

	Population Responses
Total	1102 100.00%
Male	554 50.30%
Female	548 49.70%
Other	0 -
SUM	1102 100.00%

Table 2

What is your age?

Base: All Respondents

	Population Responses
Total	1102 100.00%
18-24 (21)	144 13.10%
25-34 (29.5)	211 19.10%
35-44 (39.5)	248 22.50%
45-54 (49.5)	266 24.10%
55-65 (60)	233 21.10%
>65 (65)	0 -

Table 3

Q1. Which fragranced products are you exposed to, at least once a week, from your own use?

Base: All Respondents

	Population Responses
Total	1102 100.00%
Air fresheners and deodorizers (e.g., sprays, solids, oils, disks)	507 46.00%
Personal care products (e.g., soaps, hand sanitizer, lotions, deodorant, sunscreen, shampoos)	991 89.90%
Cleaning supplies (e.g., all-purpose cleaners, disinfectants, and dishwashing soap)	859 77.90%
Laundry products (e.g., detergents, fabric softeners, dryer sheets)	894 81.10%
Household products (e.g., scented candles, toilet paper, trash bags, baby products)	793 72.00%
Fragrance (e.g., perfume, cologne, after-shave)	809 73.40%
Other	50 4.50%
None	34 3.10%
SUM	4937 448.00%

Table 4

Q1a. Which fragranced products are you exposed to, at least once a week, from others' use?

Base: All Respondents

	Population Responses
Total	1102 100.00%
Air fresheners and deodorizers (e.g., sprays, solids, oils, disks)	391 35.50%
Personal care products (e.g., soaps, hand sanitizer, lotions, deodorant, sunscreen, shampoos)	608 55.20%
Cleaning supplies (e.g., all-purpose cleaners, disinfectants, and dishwashing soap)	488 44.30%
Laundry products (e.g., detergents, fabric softeners, dryer sheets)	462 41.90%
Household products (e.g., scented candles, toilet paper, trash bags, baby products)	449 40.70%
Fragrance (e.g., perfume, cologne, after-shave)	717 65.10%
Other	34 3.10%
None	197 17.90%
SUM	3346 303.60%

Table 5

Q2. Do you experience any health problems when exposed to air fresheners or deodorizers?

Base: All Respondents

	Population Responses
Total	1102 100.00%
Yes	104 9.40%
No	850 77.10%
Don't know/not sure	147 13.30%
Decline to answer	1 0.10%
SUM	1102 100.00%

Table 6

BA. Which of the following health problems do you (...)?

Base: Respondents who experienced below health problems when exposed to air fresheners or deodorizers

	Population Responses
Total	104 100.00%
Migraine headaches	21 20.20%
Asthma attacks	17 16.30%
Neurological problems (e.g., dizziness, seizures, head pain, fainting, loss of coordination)	25 24.00%
Respiratory problems (e.g., difficulty breathing, coughing, shortness of breath)	47 45.20%
Skin problems (e.g., rashes, hives, red skin, tingling skin, dermatitis)	35 33.70%
Cognitive problems (e.g., difficulties thinking, concentrating, or remembering)	12 11.50%
Mucosal symptoms (e.g., watery or red eyes, nasal congestion, sneezing)	32 30.80%
Immune system problems (e.g., swollen lymph glands, fever, fatigue)	7 6.70%
Gastrointestinal problems (e.g., nausea, bloating, cramping, diarrhea)	21 20.20%
Cardiovascular problems (e.g., fast or irregular heartbeat, jitteriness, chest discomfort)	9 8.70%
Musculoskeletal problems (e.g., muscle or joint pain, cramps, weakness)	7 6.70%
Other	2 1.90%
SUM	235 226.00%

Table 7

Q3. Do you experience any health problems from the scent of laundry products coming from a dryer vent?

Base: All Respondents

	Population Responses
Total	1102 100.00%
Yes	75 6.80%
No	917 83.20%
Don't know/not sure	108 9.80%
Decline to answer	2 0.20%
SUM	1102 100.00%

Table 8

BA. Which of the following health problems do you (...)?

Base: Respondents who experienced below health problems from the scent of laundry products coming from a dryer vent

	Population Responses
Total	75 100.00%
Migraine headaches	10 13.30%
Asthma attacks	11 14.70%
Neurological problems (e.g., dizziness, seizures, head pain, fainting, loss of coordination)	10 13.30%
Respiratory problems (e.g., difficulty breathing, coughing, shortness of breath)	18 24.00%
Skin problems (e.g., rashes, hives, red skin, tingling skin, dermatitis)	23 30.70%
Cognitive problems (e.g., difficulties thinking, concentrating, or remembering)	12 16.00%
Mucosal symptoms (e.g., watery or red eyes, nasal congestion, sneezing)	17 22.70%
Immune system problems (e.g., swollen lymph glands, fever, fatigue)	9 12.00%
Gastrointestinal problems (e.g., nausea, bloating, cramping, diarrhea)	11 14.70%
Cardiovascular problems (e.g., fast or irregular heartbeat, jitteriness, chest discomfort)	9 12.00%
Musculoskeletal problems (e.g., muscle or joint pain, cramps, weakness)	8 10.70%
Other	3 4.00%
SUM	141 188.00%

Table 9

Q4. Do you experience any health problems from
being in a room after it has been cleaned with scented products?
Base: All Respondents

	Population Responses
Total	1102 100.00%
Yes	131 11.90%
No	835 75.80%
Don't know/not sure	132 12.00%
Decline to answer	4 0.40%
SUM	1102 100.00%

Table 10

BA. Which of the following health problems do you (...)?

Base: Respondents who experienced below health problems from being in a room after it has been cleaned with scented products

	Population Responses
Total	131 100.00%
Migraine headaches	23 17.60%
Asthma attacks	16 12.20%
Neurological problems (e.g., dizziness, seizures, head pain, fainting, loss of coordination)	29 22.10%
Respiratory problems (e.g., difficulty breathing, coughing, shortness of breath)	70 53.40%
Skin problems (e.g., rashes, hives, red skin, tingling skin, dermatitis)	26 19.80%
Cognitive problems (e.g., difficulties thinking, concentrating, or remembering)	13 9.90%
Mucosal symptoms (e.g., watery or red eyes, nasal congestion, sneezing)	43 32.80%
Immune system problems (e.g., swollen lymph glands, fever, fatigue)	14 10.70%
Gastrointestinal problems (e.g., nausea, bloating, cramping, diarrhea)	14 10.70%
Cardiovascular problems (e.g., fast or irregular heartbeat, jitteriness, chest discomfort)	14 10.70%
Musculoskeletal problems (e.g., muscle or joint pain, cramps, weakness)	10 7.60%
Other	1 0.80%
SUM	273 208.40%

Table 11

Q5. Do you experience any health problems from being near someone who is wearing a fragranced product?
Base: All Respondents

	Population Responses
Total	1102 100.00%
Yes	112 10.20%
No	883 80.10%
Don't know/not sure	106 9.60%
Decline to answer	1 0.10%
SUM	1102 100.00%

Table 12

BA. Which of the following health problems do you (...)?

Base: Respondents who experienced below health problems from being near someone who is wearing a fragranced product

	Population Responses
Total	112 100.00%
Migraine headaches	19 17.00%
Asthma attacks	18 16.10%
Neurological problems (e.g., dizziness, seizures, head pain, fainting, loss of coordination)	26 23.20%
Respiratory problems (e.g., difficulty breathing, coughing, shortness of breath)	51 45.50%
Skin problems (e.g., rashes, hives, red skin, tingling skin, dermatitis)	20 17.90%
Cognitive problems (e.g., difficulties thinking, concentrating, or remembering)	18 16.10%
Mucosal symptoms (e.g., watery or red eyes, nasal congestion, sneezing)	37 33.00%
Immune system problems (e.g., swollen lymph glands, fever, fatigue)	10 8.90%
Gastrointestinal problems (e.g., nausea, bloating, cramping, diarrhea)	13 11.60%
Cardiovascular problems (e.g., fast or irregular heartbeat, jitteriness, chest discomfort)	14 12.50%
Musculoskeletal problems (e.g., muscle or joint pain, cramps, weakness)	9 8.00%
Other	4 3.60%
SUM	239 213.40%

Table 13

Q5. In general, do you experience any health problems from exposure to any type of fragranced product?

Base: All Respondents

	Population Responses
Total	1102 100.00%
Yes	112 10.20%
No	880 79.90%
Don't know/not sure	107 9.70%
Decline to answer	3 0.30%
SUM	1102 100.00%

Table 14

BA. Which of the following health problems do you (...)?

Base: Respondents who experienced below health problems from exposure to any type of fragranced product

	Population Responses
Total	112 100.00%
Migraine headaches	27 24.10%
Asthma attacks	15 13.40%
Neurological problems (e.g., dizziness, seizures, head pain, fainting, loss of coordination)	24 21.40%
Respiratory problems (e.g., difficulty breathing, coughing, shortness of breath)	54 48.20%
Skin problems (e.g., rashes, hives, red skin, tingling skin, dermatitis)	33 29.50%
Cognitive problems (e.g., difficulties thinking, concentrating, or remembering)	17 15.20%
Mucosal symptoms (e.g., watery or red eyes, nasal congestion, sneezing)	39 34.80%
Immune system problems (e.g., swollen lymph glands, fever, fatigue)	17 15.20%
Gastrointestinal problems (e.g., nausea, bloating, cramping, diarrhea)	17 15.20%
Cardiovascular problems (e.g., fast or irregular heartbeat, jitteriness, chest discomfort)	15 13.40%
Musculoskeletal problems (e.g., muscle or joint pain, cramps, weakness)	12 10.70%
Other	1 0.90%
SUM	271 242.00%

Table 15

B2. Do any of these health problems ... affect your participation in society? (disability question)

Base: All Respondents

	Population Responses
Total	219 100.00%
Yes	74 33.80%
No	101 46.10%
Don't know/not sure	42 19.20%
Decline to answer	2 0.90%
SUM	219 100.00%

Table 16

Have you ever been unable or reluctant to use the toilets in a public place,
because of the presence of an air freshener, deodorizer, or scented product?

Base: All Respondents

	Population Responses
Total	1102 100.00%
Yes	176 16.00%
No	848 77.00%
Neutral/not sure	77 7.00%
Decline to answer	1 0.10%
SUM	1102 100.00%

Table 17

If you enter a business, and you smell air fresheners or some fragranced product,
do you want to leave as quickly as possible?

Base: All Respondents

	Population Responses
Total	1102 100.00%
Yes	156 14.20%
No	821 74.50%
Neutral/not sure	123 11.20%
Decline to answer	2 0.20%
SUM	1102 100.00%

Table 18

Have you ever been unable or reluctant to wash your hands with soap in a public place,
because you know or suspect that the soap is fragranced?

Base: All Respondents

	Population Responses
Total	1102 100.00%
Yes	92 8.30%
No	927 84.10%
Neutral/not sure	80 7.30%
Decline to answer	3 0.30%
SUM	1102 100.00%

Table 19

Have you ever been prevented from going to some place

because you would be exposed to a fragrance product that would make you sick?

Base: All Respondents

	Population Responses
Total	1102 100.00%
Yes	198 18.00%
No	753 68.30%
Don't know/not sure	146 13.20%
Decline to answer	5 0.50%
SUM	1102 100.00%

Table 20

Has any exposure to fragranced products in your work environment caused you to become sick, lose work days, or lose a job?

Base: All Respondents

	Population Responses
Total	1102 100.00%
Yes	61 5.50%
No	958 86.90%
Don't know/not sure	76 6.90%
Decline to answer	7 0.60%
SUM	1102 100.00%

Table 21
Would you be supportive of a fragrance-free policy in the workplace?
Base: All Respondents

	Population Responses
Total	1102 100.00%
Yes	366 33.20%
No	337 30.60%
Neutral/not sure	389 35.30%
Decline to answer	10 0.90%
SUM	1102 100.00%

Table 22

Would you prefer that health care facilities and health care professionals be fragrance-free?

Base: All Respondents

	Population Responses
Total	1102 100.00%
Yes	511 46.40%
No	328 29.80%
Neutral/not sure	258 23.40%
Decline to answer	5 0.50%
SUM	1102 100.00%

Table 23

Flying On An Airplane That Pumped / Did Not Pump Scented Air Throughout The Passenger Cabin,
Which Would You Choose?

Base: All Respondents

	Population Responses
Total	1102 100.00%
Airplane with scented air	173 15.70%
Airplane without scented air	628 57.00%
Neutral/not sure	294 26.70%
Decline to answer	7 0.60%
SUM	1102 100.00%

Table 24

Staying In A Hotel With / Without Fragranced Air, Which Would You Choose?

Base: All Respondents

	Population Responses
Total	1102
	100.00%
Hotel with fragranced air	200
	18.10%
Hotel without fragranced air	644
	58.40%
Neutral/not sure	255
	23.10%
Decline to answer	3
	0.30%
SUM	1102
	100.00%

Table 25

Who Answer "Yes" To One Or More Of These Options For Q1.

Base: All Respondents

	Population Responses
Total	1102 100.00%
Yes (Net)	1068 96.90%
Air fresheners and deodorizers (e.g., sprays, solids, oils, disks)	507 46.00%
Personal care products (e.g., soaps, hand sanitizer, lotions, deodorant, sunscreen, shampoo)	991 89.90%
Cleaning supplies (e.g., all-purpose cleaners, disinfectants, and dishwashing soap)	859 77.90%
Laundry products (e.g., detergents, fabric softeners, dryer sheets)	894 81.10%
Household products (e.g., scented candles, toilet paper, trash bags, baby products)	793 72.00%
Fragrance (e.g., perfume, cologne, after-shave)	809 73.40%
Other	50 4.50%
None	34 3.10%
SUM	4937 448.00%

Table 26

Who Answer "Yes" To One Or More Of These Options For Q1A.

Base: All Respondents

	Population Responses
Total	1102 100.00%
Yes (Net)	905 82.10%
Air fresheners and deodorizers (e.g., sprays, solids, oils, disks)	391 35.50%
Personal care products (e.g., soaps, hand sanitizer, lotions, deodorant, sunscreen, shampoo)	608 55.20%
Cleaning supplies (e.g., all-purpose cleaners, disinfectants, and dishwashing soap)	488 44.30%
Laundry products (e.g., detergents, fabric softeners, dryer sheets)	462 41.90%
Household products (e.g., scented candles, toilet paper, trash bags, baby products)	449 40.70%
Fragrance (e.g., perfume, cologne, after-shave)	717 65.10%
Other	34 3.10%
None	197 17.90%
SUM	3346 303.60%

Table 27

Q1/Q1a. Who Answer "Yes" To One Or More Of These Options For Q1/Q1A

Base: All Respondents

	Population Responses
Total	1102 100.00%
Yes (Net)	1076 97.60%
Air fresheners and deodorizers (e.g., sprays, solids, oils, disks)	615 55.80%
Personal care products (e.g., soaps, hand sanitizer, lotions, deodorant, sunscreen, shampoo)	1008 91.50%
Cleaning supplies (e.g., all-purpose cleaners, disinfectants, and dishwashing soap)	923 83.80%
Laundry products (e.g., detergents, fabric softeners, dryer sheets)	941 85.40%
Household products (e.g., scented candles, toilet paper, trash bags, baby products)	849 77.00%
Fragrance (e.g., perfume, cologne, after-shave)	917 83.20%
Other	62 5.60%
None	205 18.60%
SUM	5520 500.90%

Table 28

"Yes" To One Or More Of These Questions: Q2/Q3/Q4/Q5/Q6 (fragrance sensitive individuals).

Base: All Respondents

	Population Responses
Total	1102 100.00%
Yes	219 19.90%

Table 29

People who answer "Yes" to each type of health problem under BA

Base: Fragrance Sensitive Individuals

	Population Responses
Total	1102 100.00%
Migraine headaches	55 25.1%
Asthma attacks	37 16.9%
Neurological problems (e.g., dizziness, seizures, head pain, fainting, loss of coordination)	60 27.4%
Respiratory problems (e.g., difficulty breathing, coughing, shortness of breath)	121 55.3%
Skin problems (e.g., rashes, hives, red skin, tingling skin, dermatitis)	70 32.0%
Cognitive problems (e.g., difficulties thinking, concentrating, or remembering)	41 18.7%
Mucosal symptoms (e.g., watery or red eyes, nasal congestion, sneezing)	78 35.6%
Immune system problems (e.g., swollen lymph glands, fever, fatigue)	29 13.2%
Gastrointestinal problems (e.g., nausea, bloating, cramping, diarrhea)	48 21.9%
Cardiovascular problems (e.g., fast or irregular heartbeat, jitteriness, chest discomfort)	32 14.6%
Musculoskeletal problems (e.g., muscle or joint pain, cramps, weakness)	21 9.6%
Other	7 3.2%

Table 30

Demographics

Base: All Germany Respondents

	Population Responses
Total	1102 100.00%
Male/Female	
All Males	554 50.30%
All Females	548 49.70%
Gender vs Age	
Male 18-24	62 5.60%
Male 25-34	88 8.00%
Male 35-44	119 10.80%
Male 45-54	141 12.80%
Male 55-65	144 13.10%
Female 18-24	82 7.40%
Female 25-34	123 11.20%
Female 35-44	129 11.70%
Female 45-54	125 11.30%
Female 55-65	89 8.10%

Table 31

Demographics.

Base: Fragrance sensitive individuals (Yes to one or more of these questions: Q2, Q3, Q4, Q5, Q6)

	Population Responses
Total	219 100.00%
Male/Female	
All Males	109 49.80%
All Females	110 50.20%
Gender vs Age	
Male 18-24	23 10.50%
Male 25-34	30 13.70%
Male 35-44	17 7.80%
Male 45-54	20 9.10%
Male 55-65	19 8.70%
Female 18-24	15 6.80%
Female 25-34	31 14.20%
Female 35-44	28 12.80%
Female 45-54	23 10.50%
Female 55-65	13 5.90%