

Mystery Case - Answers Due June 10, 2019

Neurology® Resident & Fellow Mystery Case

Page description:

May 13, 2019

New Mystery Case!

A 38-year-old man with hair loss and cerebral palsy

Adapted from a Teaching NeuroImage by C Kronlage and DG Healy. This case will be published in full format in the August 27, 2019, issue of *Neurology*. Please enter your demographic details at the end of the Mystery Case to help us better track responses (demographic information will remain anonymous). To receive recognition for your responses, enter your name and affiliation (optional). This information may be displayed, along with your number of correct answers, on the Neurology.org public website if you enter the most correct answers within one year.

1. Which abnormalities are demonstrated in Figure 1? (Choose 3) *

- | | |
|--|---|
| <input type="checkbox"/> brainstem hypoplasia | <input type="checkbox"/> Chiari type II malformation |
| <input type="checkbox"/> hydranencephaly | <input type="checkbox"/> schizencephaly |
| <input type="checkbox"/> multicystic encephalomalacia | <input type="checkbox"/> ventriculomegaly |
| <input type="checkbox"/> hypoplasia of cerebellar vermis and corpus callosum | <input type="checkbox"/> white matter damage of immaturity (WMDI) |
| <input type="checkbox"/> global cerebral atrophy | <input type="checkbox"/> polymicrogyria |

Mystery Case Question #2

2. Which of the following associated with alopecia? (Choose 3) *

- | | |
|---|--|
| <input type="checkbox"/> zinc toxicity | <input type="checkbox"/> giant axonal neuropathy |
| <input type="checkbox"/> Gomez-Lopez-Hernandez syndrome | <input type="checkbox"/> CARASIL |
| <input type="checkbox"/> Waardenburg syndrome | <input type="checkbox"/> Fabry disease |
| <input type="checkbox"/> Griscelli syndrome | <input type="checkbox"/> phenytoin use |
| <input type="checkbox"/> Vogt-Koyanagi-Harada syndrome | <input type="checkbox"/> Menkes syndrome |

Mystery Case Question #3

3. Which of the following is associated with the triad of alopecia, trigeminal anesthesia, and rhombencephalosynapsis? *

- | | |
|--|---|
| <input type="radio"/> zinc toxicity | <input type="radio"/> giant axonal neuropathy |
| <input type="radio"/> Gomez-Lopez-Hernandez syndrome | <input type="radio"/> CARASIL |
| <input type="radio"/> Waardenburg syndrome | <input type="radio"/> Fabry disease |
| <input type="radio"/> Griscelli syndrome | <input type="radio"/> phenytoin use |
| <input type="radio"/> Vogt-Koyanagi-Harada syndrome | <input type="radio"/> Menkes syndrome |

Demographics

Page description:

Please answer the following questions to help us better track responses. Answers to these questions will remain anonymous.

4. How many years have you been in practice?

*

- 1-4
- 5-10
- Over 10

5. What is your primary work setting? *

- Academic Based
- Government Based
- Hospital Based
- Multispecialty Group
- Neurology Group
- Other Public or Private Hospital or Clinic
- Solo Practice

6. What is your current level of training? *

- Faculty/Board certified physician
- Resident/Fellow
- Medical Student
- Advanced Practice Provider

7. Do you currently reside in the United States?

*

Yes

No

8. If no, in which country do you reside?

Report for Mystery Case - Answers Due June 10, 2019

Response Counts

Completion Rate:

67%



Complete



120

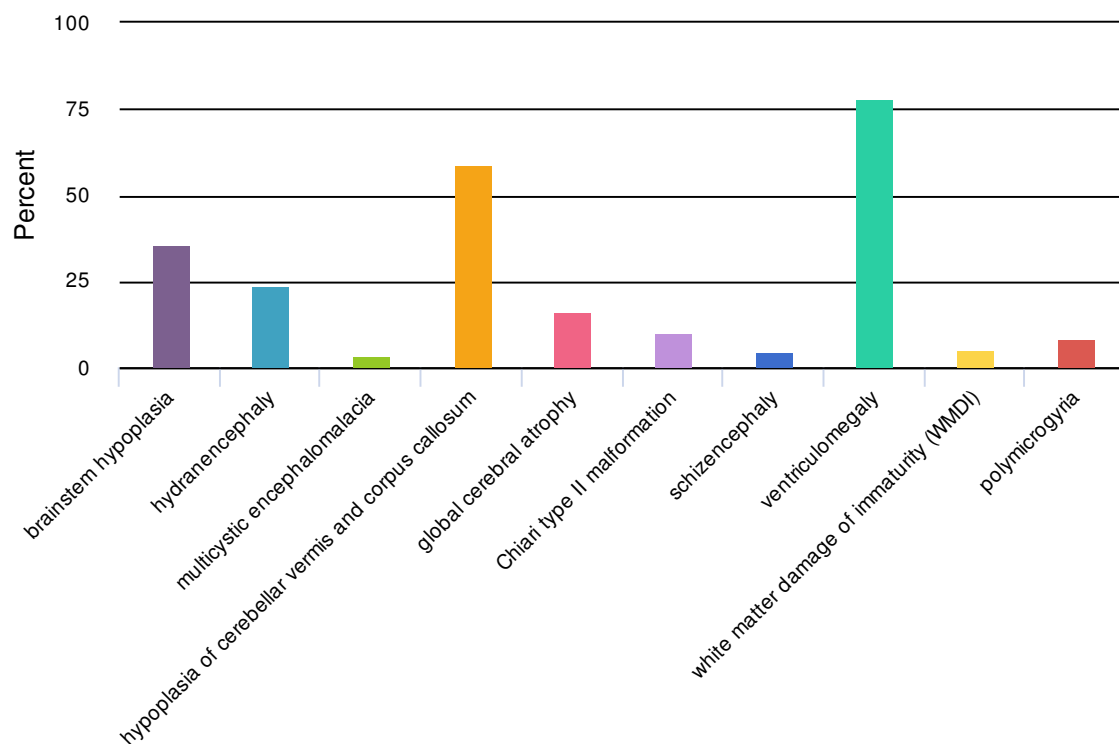
Partial



59

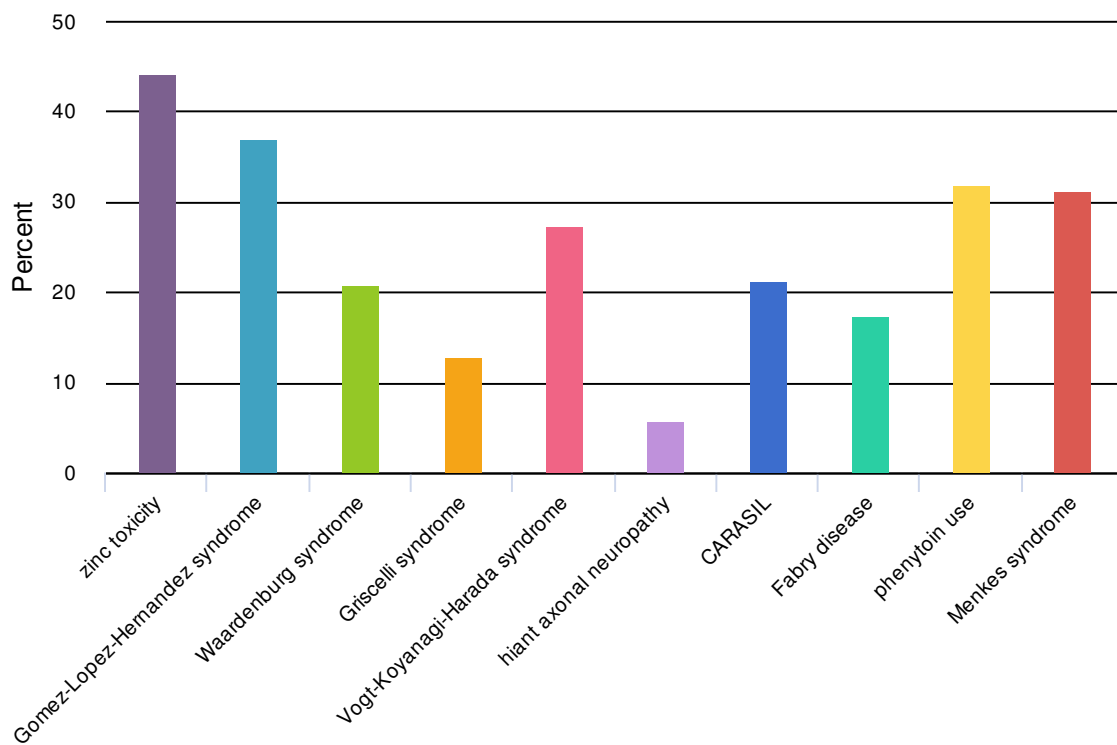
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




1. Which abnormalities are demonstrated in Figure 1? (Choose 3)



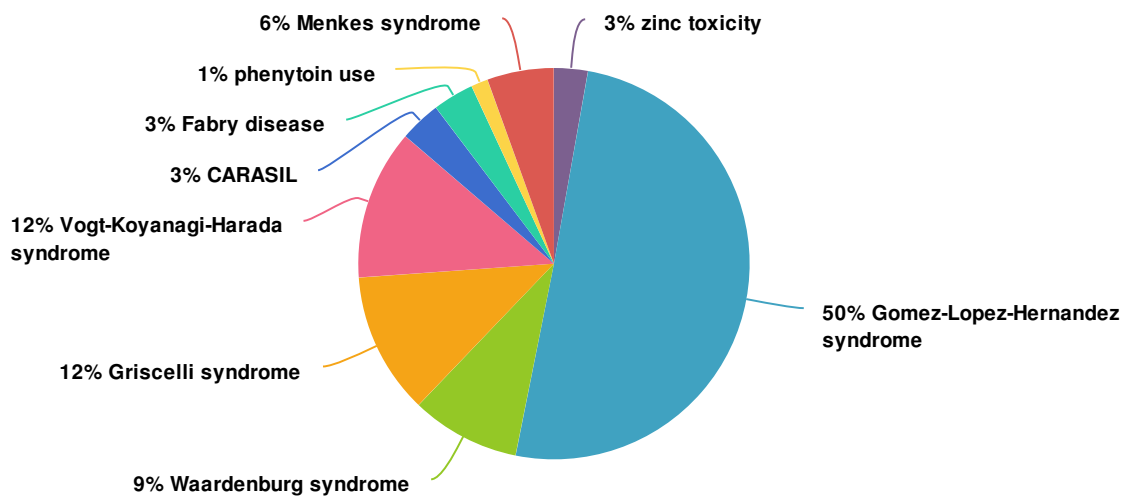
Value	Percent	Responses
brainstem hypoplasia	35.8%	64
hydranencephaly	24.0%	43
multicystic encephalomalacia	3.4%	6
hypoplasia of cerebellar vermis and corpus callosum	58.7%	105
global cerebral atrophy	16.2%	29
Chiari type II malformation	10.1%	18
schizencephaly	4.5%	8
ventriculomegaly	77.7%	139
white matter damage of immaturity (WMDI)	5.0%	9
polymicrogyria	8.4%	15










2. Which of the following associated with alopecia? (Choose 3)



Value		Percent	Responses
zinc toxicity		44.2%	68
Gomez-Lopez-Hernandez syndrome		37.0%	57
Waardenburg syndrome		20.8%	32
Griscelli syndrome		13.0%	20
Vogt-Koyanagi-Harada syndrome		27.3%	42
hiant axonal neuropathy		5.8%	9
CARASIL		21.4%	33
Fabry disease		17.5%	27
phenytoin use		31.8%	49
Menkes syndrome		31.2%	48

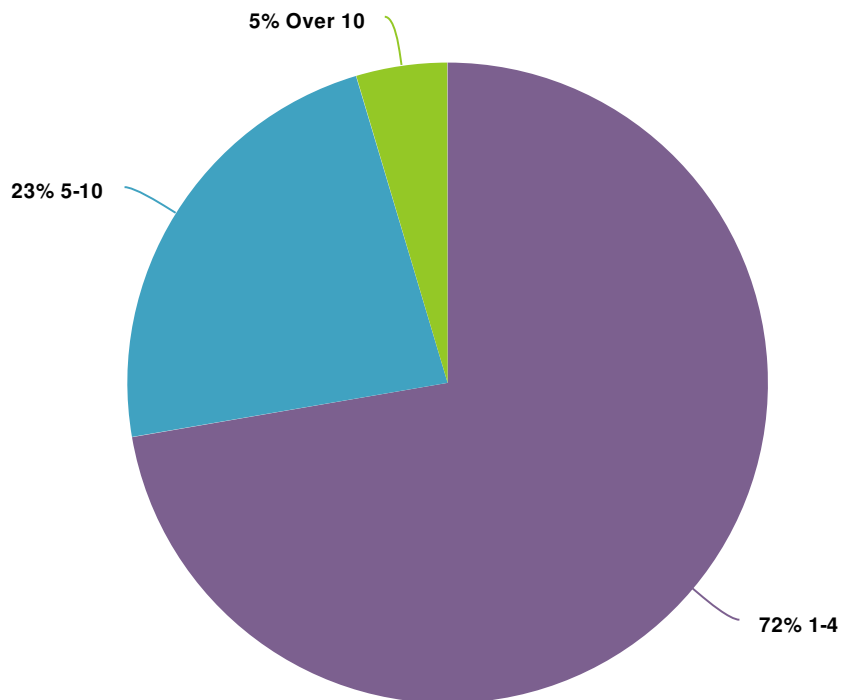
3. Which of the following is associated with the triad of alopecia, trigeminal anesthesia, and rhombencephalosynapsis?


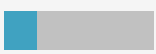



Value		Percent	Responses
zinc toxicity		2.8%	4
Gomez-Lopez-Hernandez syndrome		50.3%	73
Waardenburg syndrome		9.0%	13
Griscelli syndrome		11.7%	17
Vogt-Koyanagi-Harada syndrome		12.4%	18
CARASIL		3.4%	5
Fabry disease		3.4%	5
phenytoin use		1.4%	2
Menkes syndrome		5.5%	8

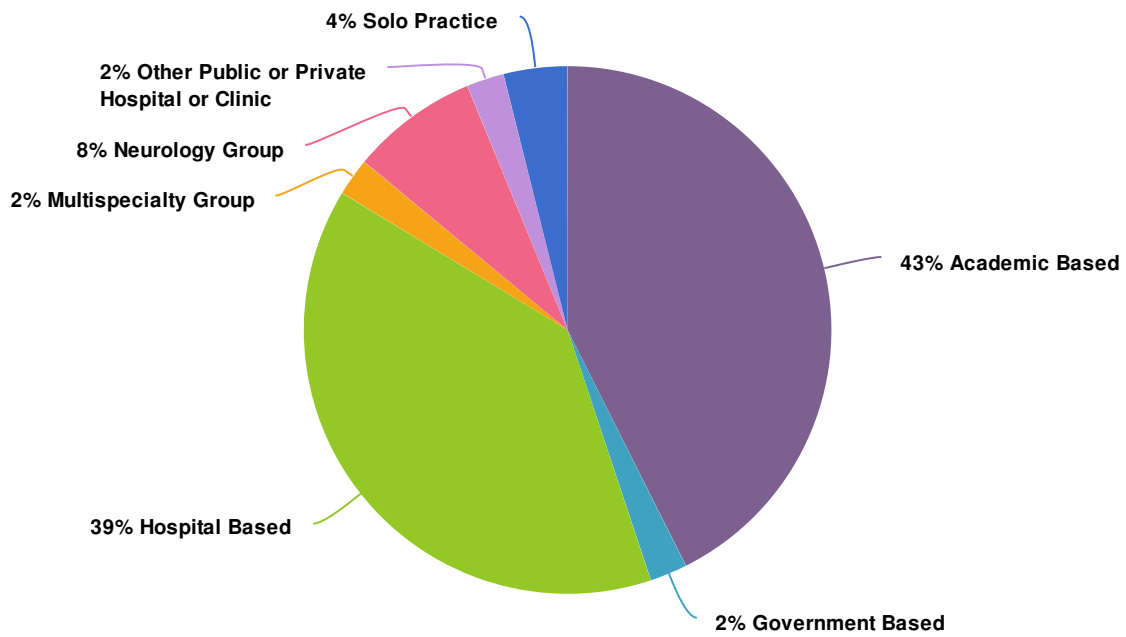
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4. How many years have you been in practice?



Value		Percent	Responses
1-4		72.3%	94
5-10		23.1%	30
Over 10		4.6%	6
			Totals: 130

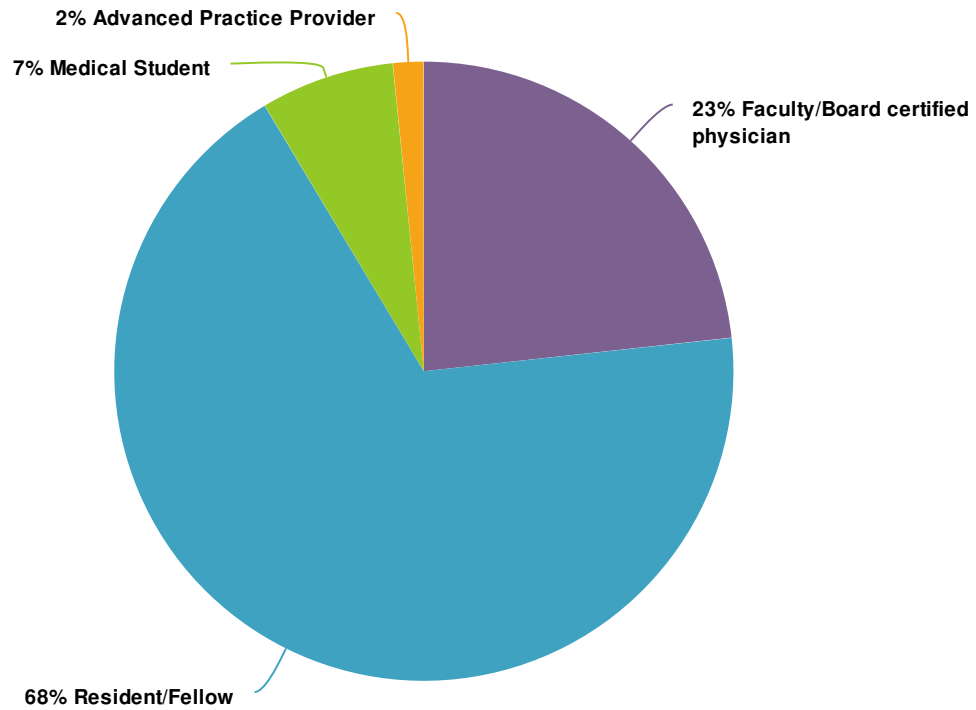
5. What is your primary work setting?







Value	Percent	Responses
Academic Based	42.6%	55
Government Based	2.3%	3
Hospital Based	38.8%	50
Multispecialty Group	2.3%	3
Neurology Group	7.8%	10
Other Public or Private Hospital or Clinic	2.3%	3
Solo Practice	3.9%	5

Totals: 129

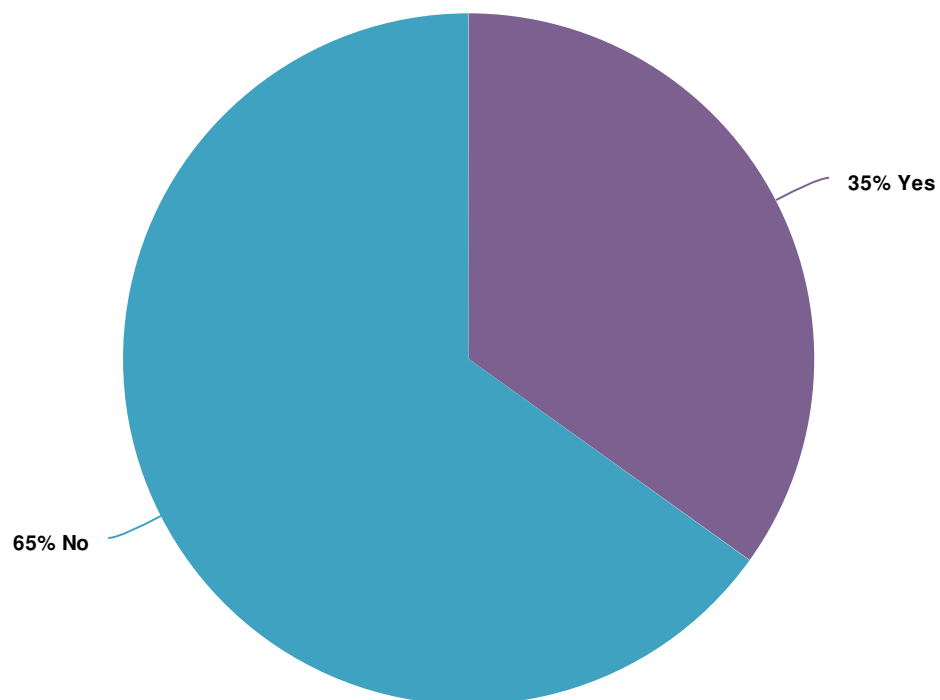
6. What is your current level of training?





Value		Percent	Responses
Faculty/Board certified physician		23.3%	30
Resident/Fellow		68.2%	88
Medical Student		7.0%	9
Advanced Practice Provider		1.6%	2

Totals: 129

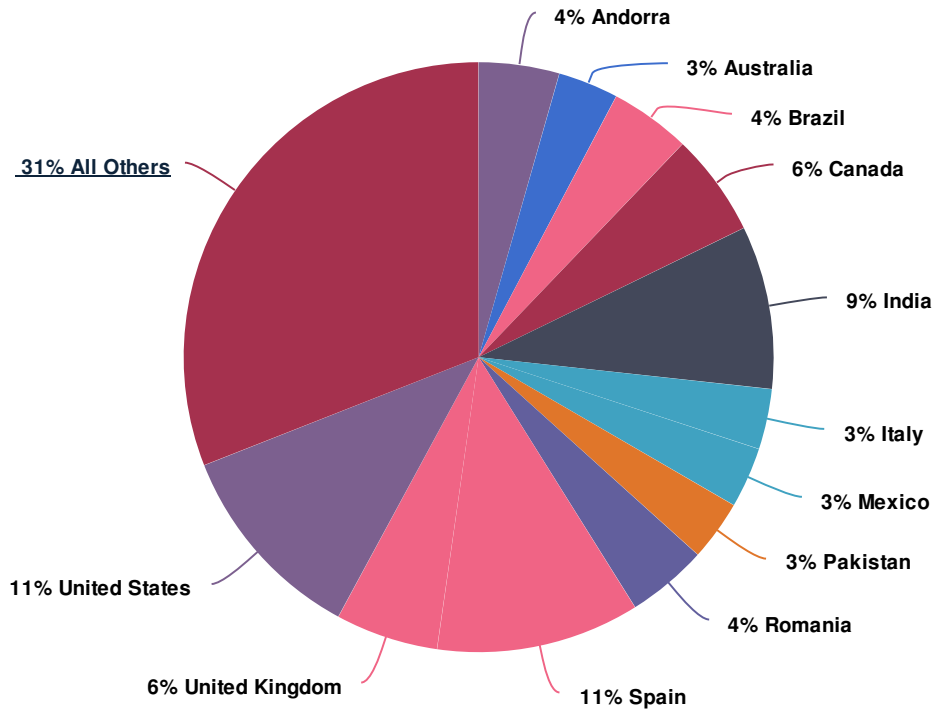
7. Do you currently reside in the United States?



Value		Percent	Responses
Yes		34.9%	45
No		65.1%	84

Totals: 129

8. If no, in which country do you reside?



Value	Percent	Responses
Andorra	4.4%	4
Australia	3.3%	3
Brazil	4.4%	4
Canada	5.6%	5
India	8.9%	8
Italy	3.3%	3
Mexico	3.3%	3
Pakistan	3.3%	3
Romania	4.4%	4
Spain	11.1%	10
United Kingdom	5.6%	5
United States	11.1%	10

Totals: 90

Value		Percent	Responses
Afghanistan		1.1%	1
Albania		1.1%	1
Algeria		1.1%	1
American Samoa		1.1%	1
Angola		1.1%	1
Antarctica		1.1%	1
Bahrain		1.1%	1
Belgium		1.1%	1
Bhutan		1.1%	1
Colombia		1.1%	1
Denmark		1.1%	1
France		1.1%	1
Germany		2.2%	2
Ireland		1.1%	1
Japan		1.1%	1
Lebanon		1.1%	1
Netherlands		1.1%	1
New Zealand		1.1%	1
Paraguay		2.2%	2
Portugal		1.1%	1
Saudi Arabia		1.1%	1
Taiwan		1.1%	1

Totals: 90

Value		Percent	Responses
Thailand		2.2%	2
Turkey		2.2%	2

Totals: 90