

Questionnaire for vaccination in medical students

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Methods

10 questions, provided by VHPB secretariat

Converted in online questionnaire (Survey Monkey)

Distribution:

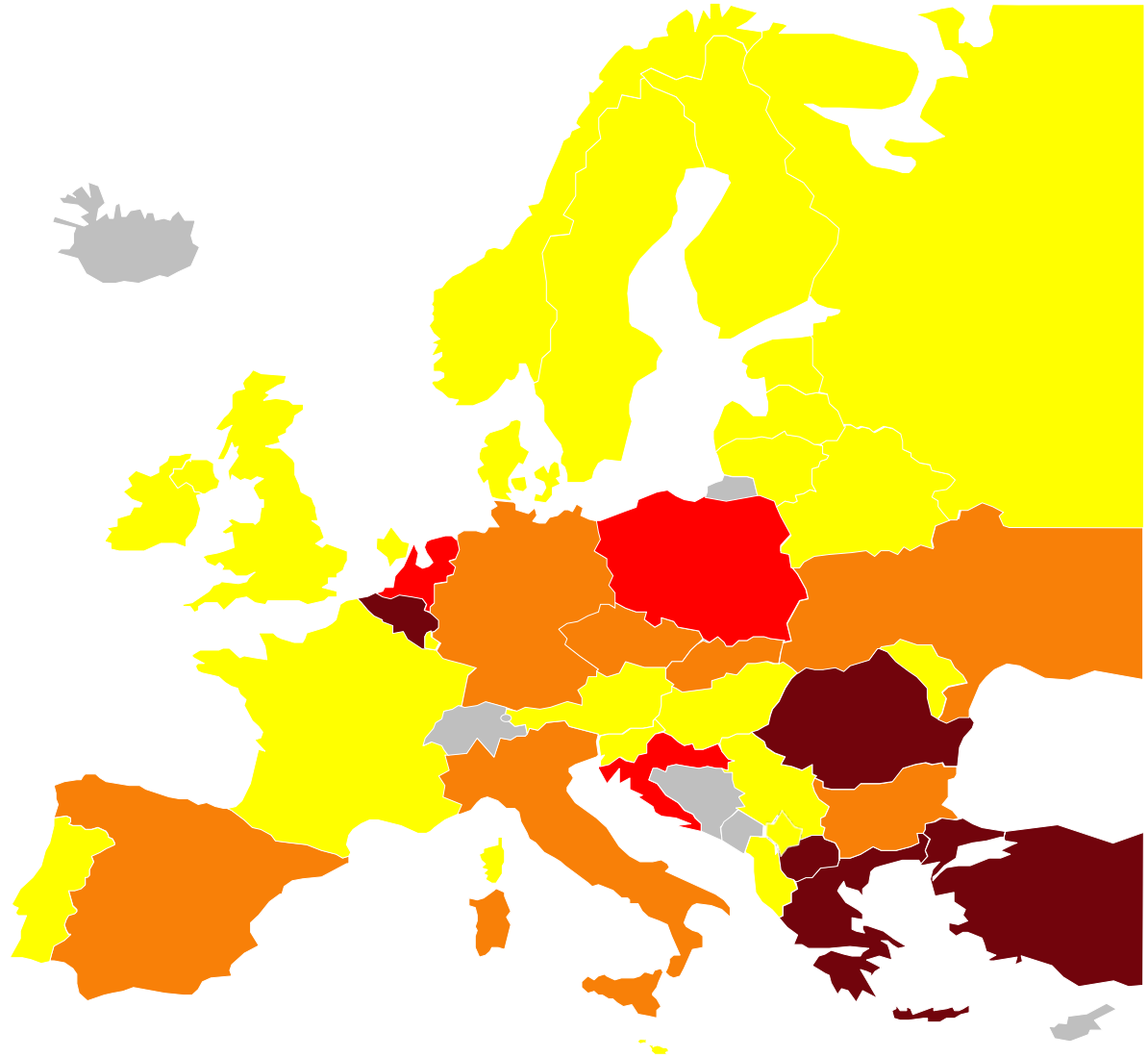
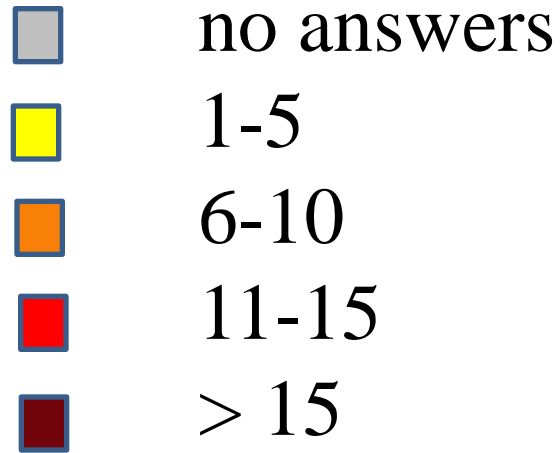
- European Medical Students' Association (EMSA)
- International Federation of Medical Students' Associations (IFMSA)
- Facebook
- Personal contacts

17/10/2012 – 8/11/2012 (3 weeks)

Respos:

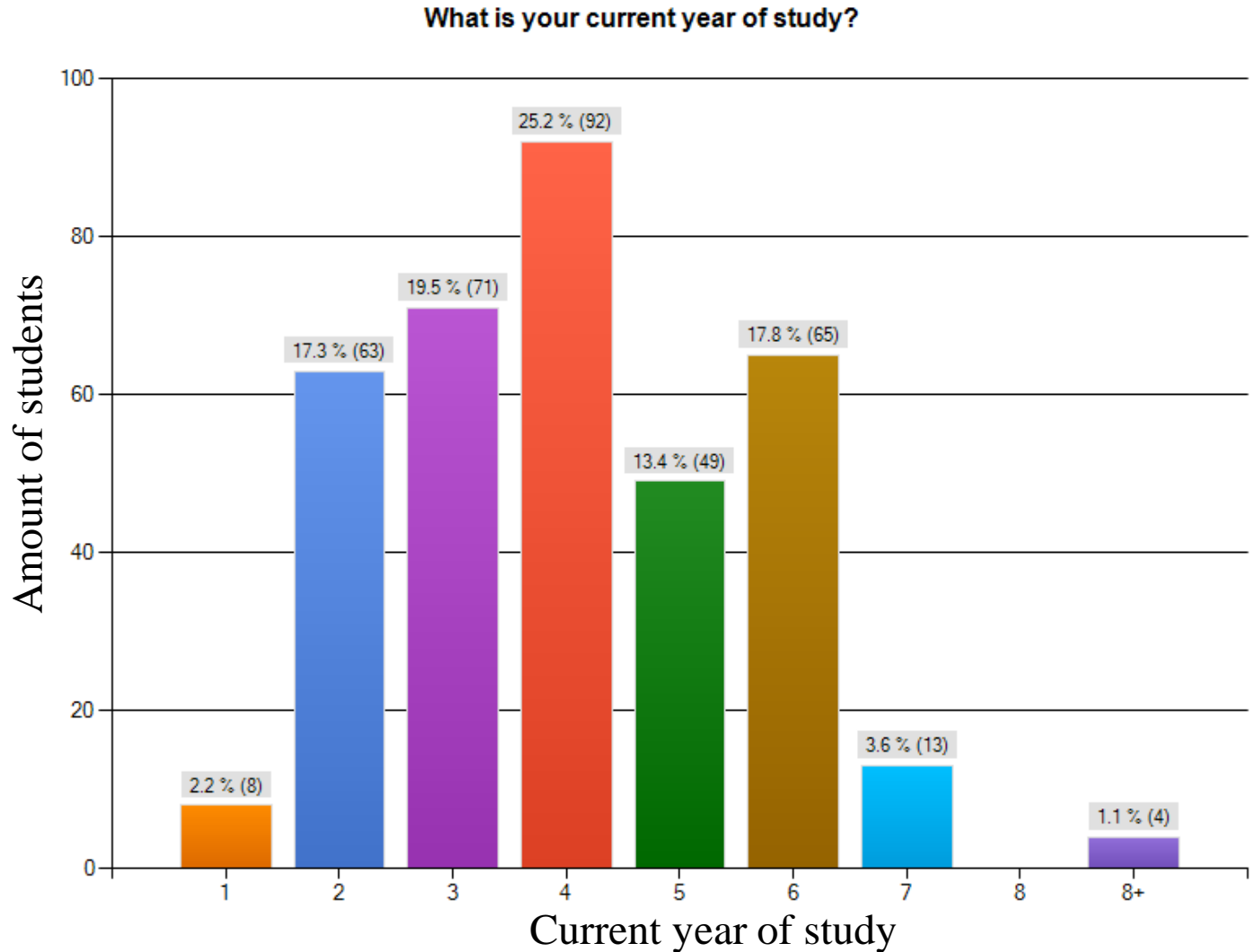
- 303 web link, 62 facebook
- 365 people started
- **206** people finished the survey (56.4%)

1. In which country do you study?



365 answers (206 complete)

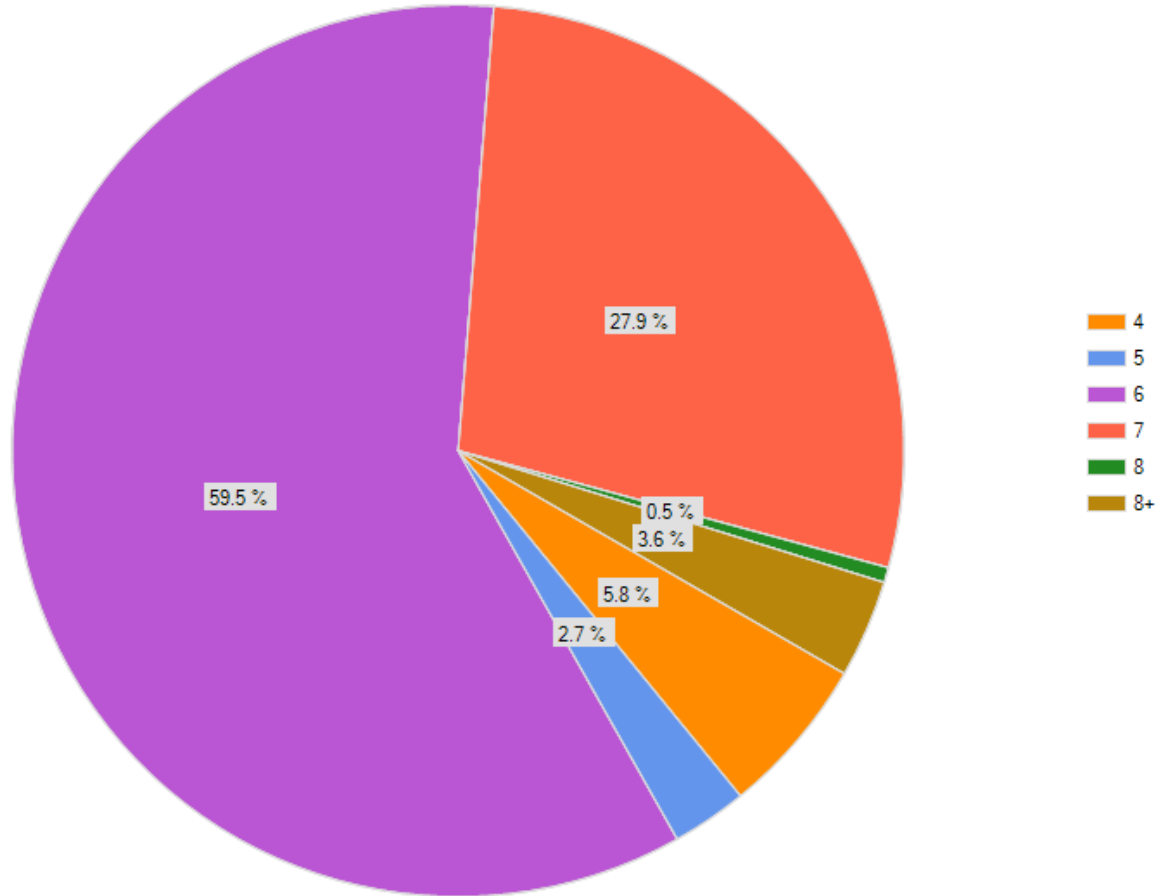
2. What is your current year of study?



365 answers

3. After how many years of medical education do you graduate as a doctor?

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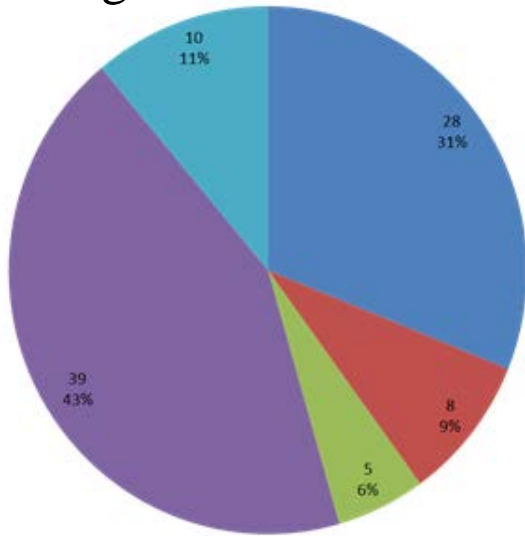
352 answers

4. Vaccination policy for medical students is

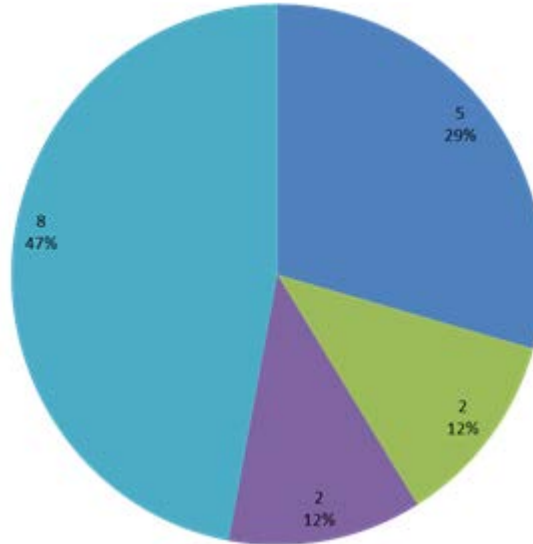
Answer Options	A national policy	A regional policy	An institution dependent policy	I am aware of a policy, but I don't know what kind	I'm not aware of any vaccination policy for medical students	Response Count
Austria	3	0	0	2	0	5
Belgium	28	8	5	39	10	90
Bulgaria	0	0	4	0	1	5
Croatia	5	0	0	3	2	10
Czech Republic	3	0	0	0	0	3
Georgia	1	0	1	1	1	4
Germany	1	0	2	1	0	4
Greece	5	0	0	1	5	11
Italy	1	0	0	2	0	3
Latvia	1	0	0	1	1	3
Lithuania	1	0	1	0	1	3
Republic of Macedonia (FYROM)	3	0	2	0	8	13
Moldova	1	0	0	1	0	2
The Netherlands	5	0	1	2	0	8
Poland	4	0	1	2	2	9
Portugal	1	0	0	0	3	4
Romania	1	0	1	0	12	14
Slovakia	2	0	0	3	1	6
Spain	2	0	1	0	2	5
Turkey	5	0	2	2	8	17
Ukraine	0	0	1	1	1	3
answered question						241

4. Vaccination policy for medical students is

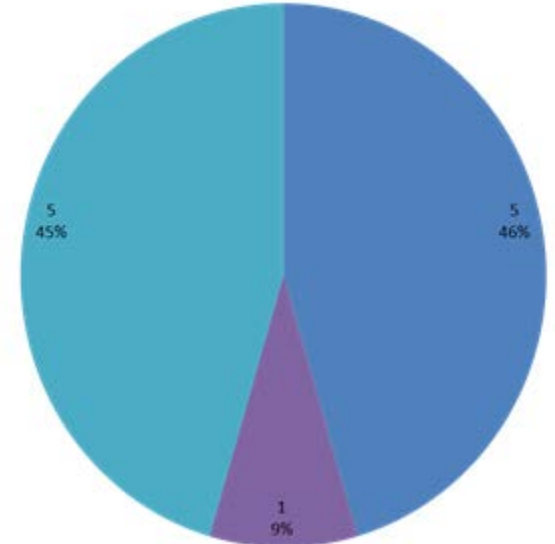
Belgium



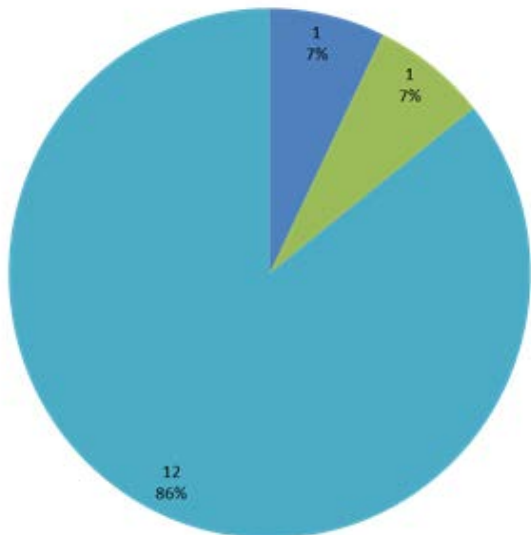
Turkey



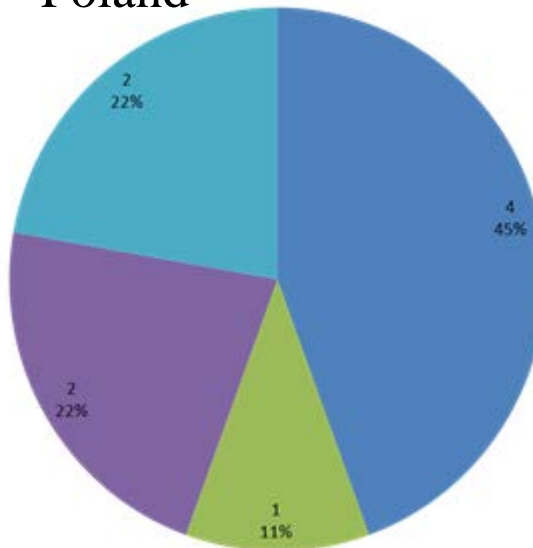
Greece



Romania



Poland



National policy

Regional policy

Institution dependent policy

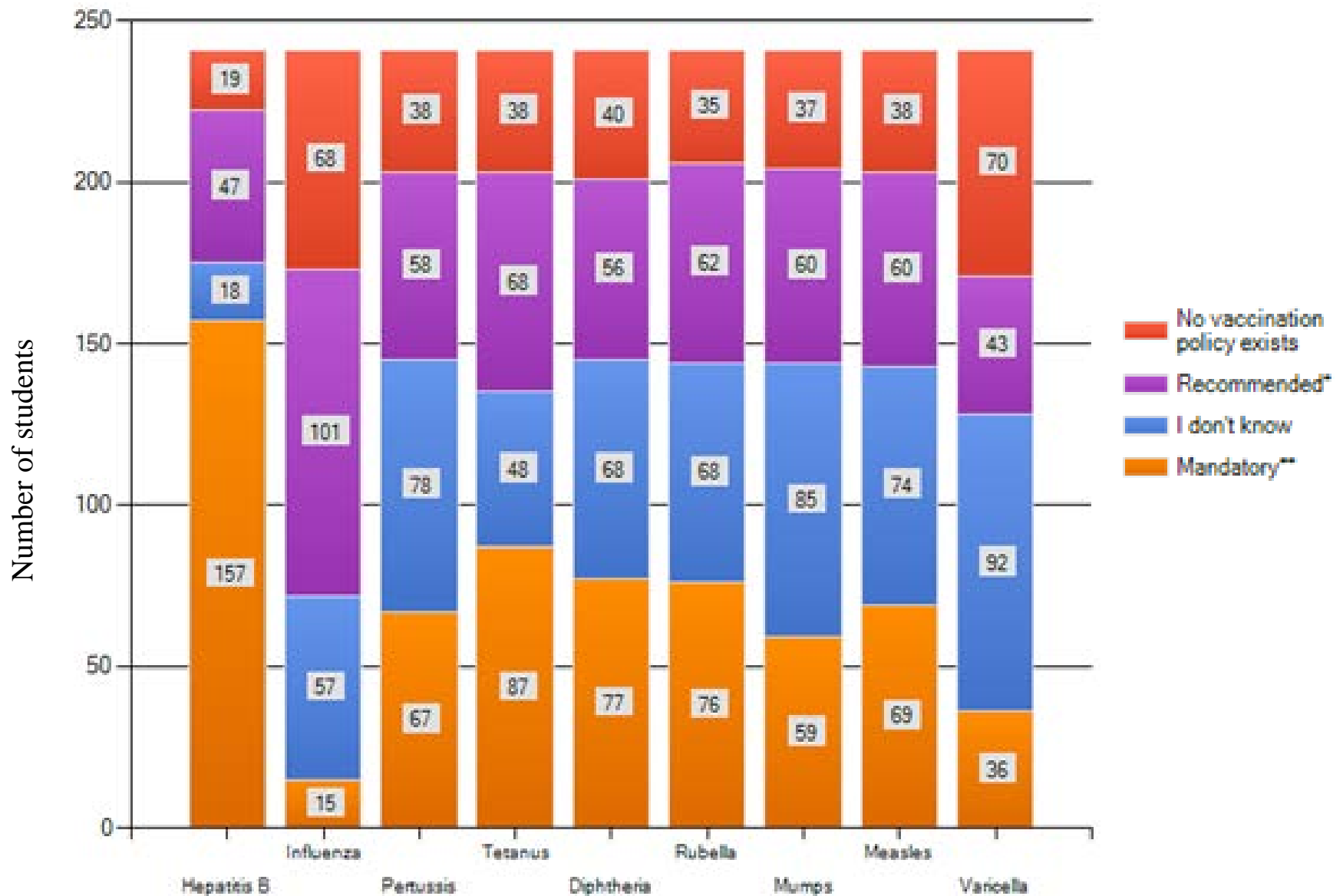
I am aware of a policy, but don't know what kind

I'm not aware of any vaccination policy for medical students

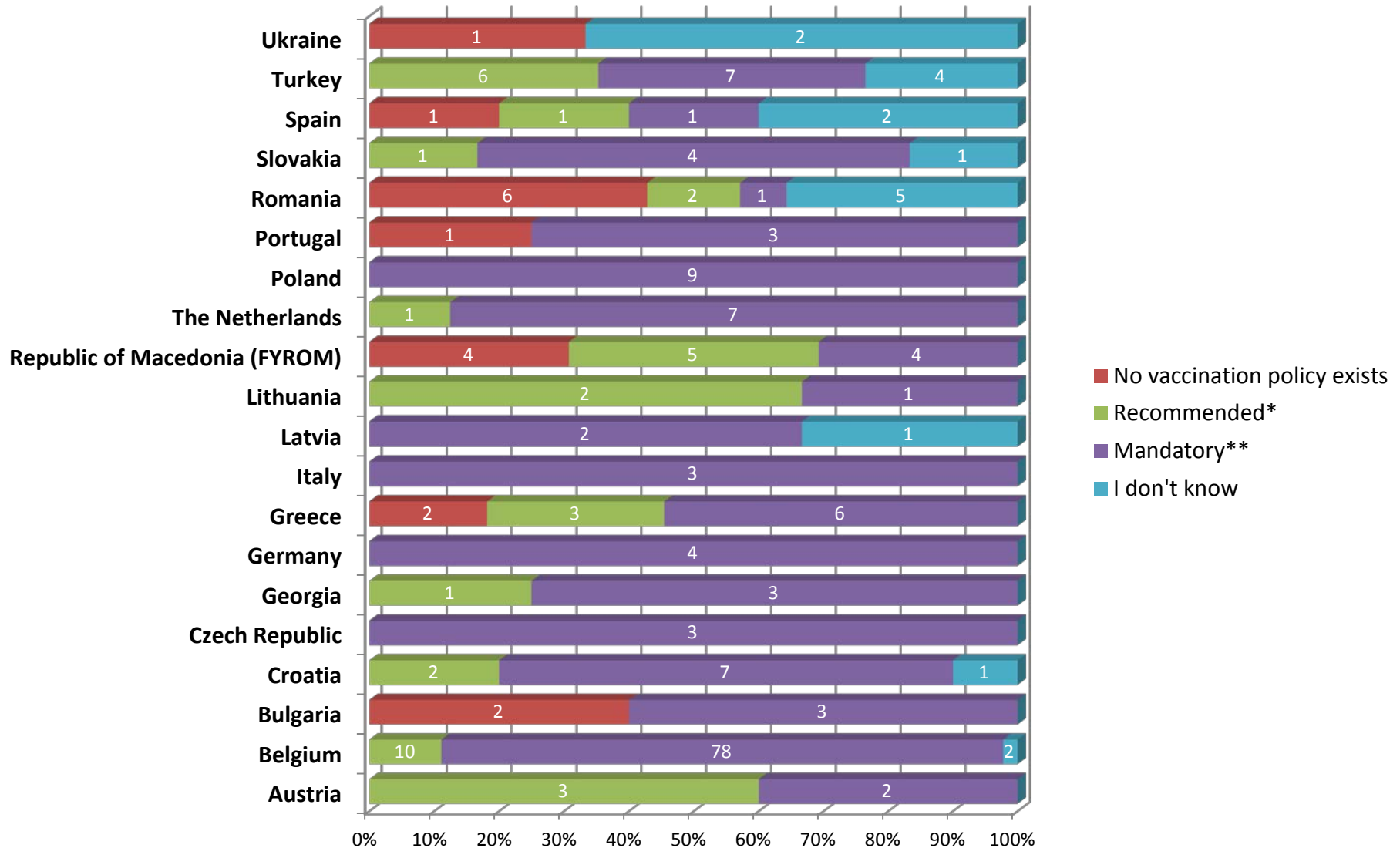
5. Which vaccinations are recommended/ mandatory for medical students at your institution/ in your country?

Answer Options	No vaccination policy exists	Recommended*	Mandatory**	I don't know
Hepatitis B	7.9% (19)	19.5% (47)	65.1% (157)	7.5% (18)
Influenza	28.2% (68)	41.9% (101)	6.2% (15)	23.7% (57)
Pertussis	15.8% (38)	24.1% (58)	27.8% (67)	32.4% (78)
Tetanus	15.8% (38)	28.2% (68)	36.1% (87)	19.9% (48)
Diphtheria	16.6% (40)	23.2% (56)	32.0% (77)	28.2% (68)
Rubella	14.5% (35)	25.7% (62)	31.5% (76)	28.2% (68)
Mumps	15.4% (37)	24.9% (60)	24.5% (59)	35.3% (85)
Measles	15.8% (38)	24.9% (60)	28.6% (69)	30.7% (74)
Varicella	29.0% (70)	17.8% (43)	14.9% (36)	38.2% (92)

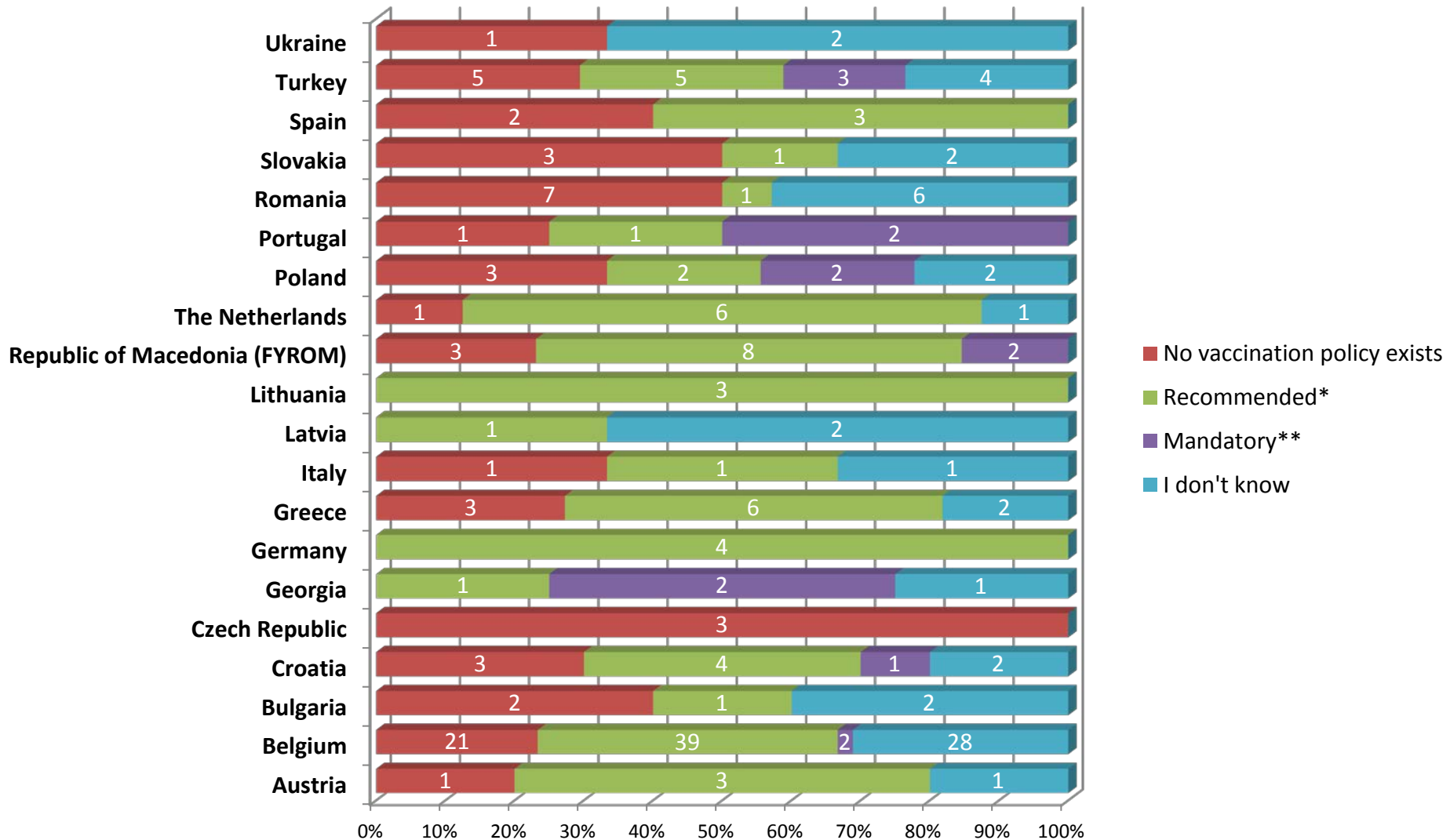
5. Which vaccinations are recommended/ mandatory for medical students at your institution/ in your country?



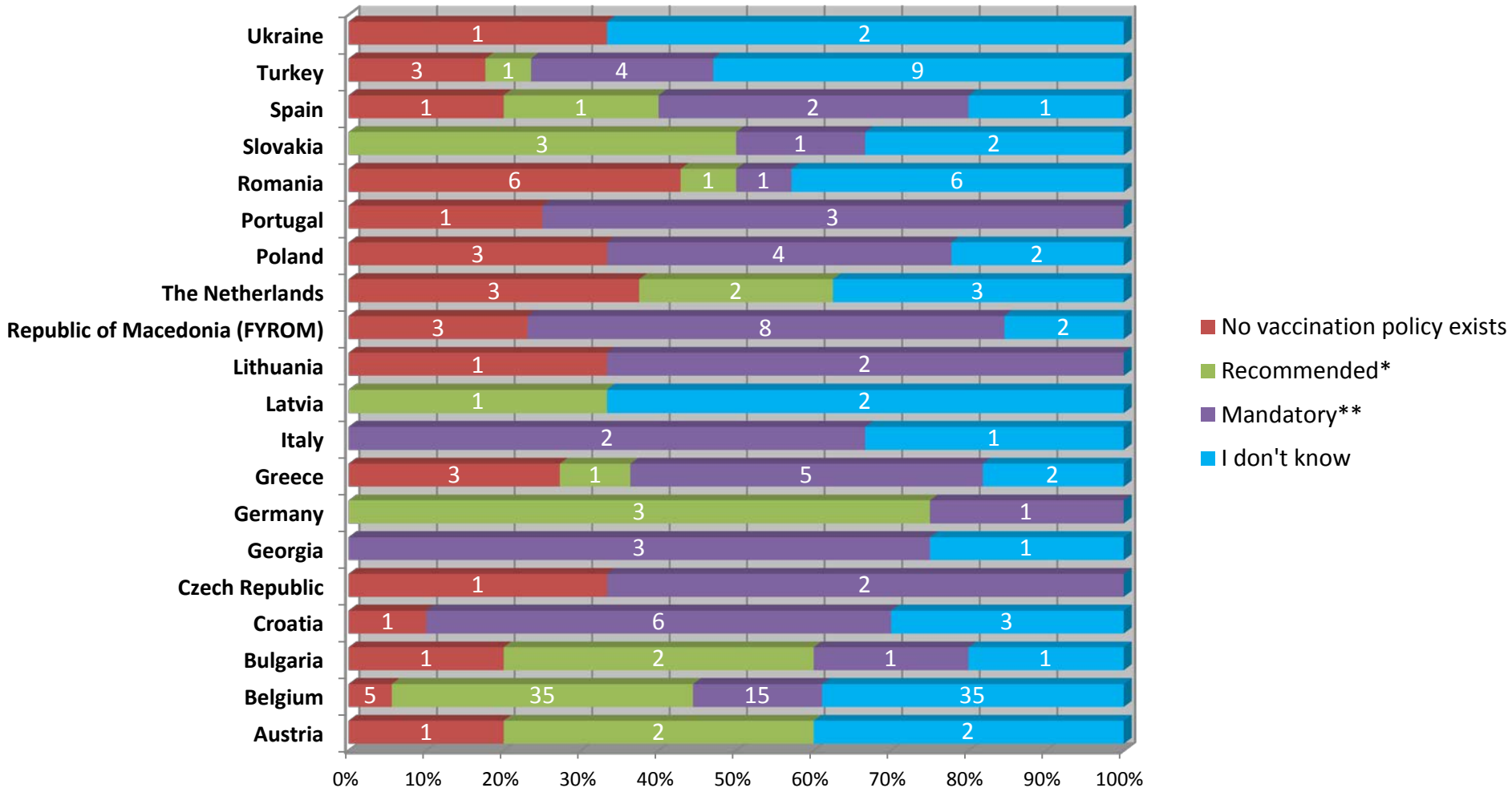
5.a Is **Hepatitis B vaccination** recommended/ mandatory for medical students at your institution/ in your country?



5.b Is Influenza vaccination recommended/ mandatory for medical students at your institution/ in your country?



5.c Is **Pertussis vaccination** recommended/ mandatory for medical students at your institution/ in your country?

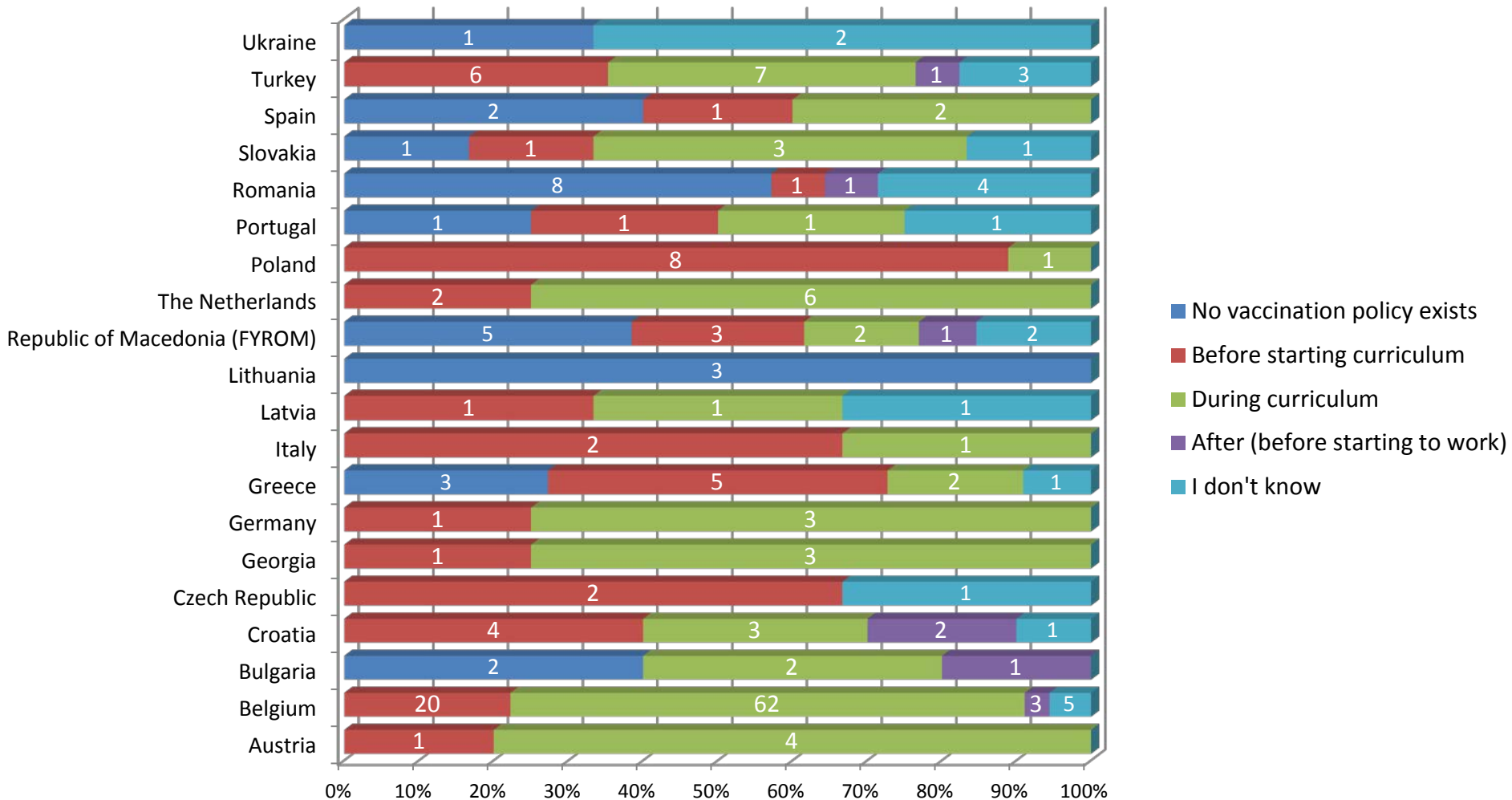


6. Which vaccinations are recommended/ mandatory for medical students **before/ during/after the curriculum** at your institution/in your country?

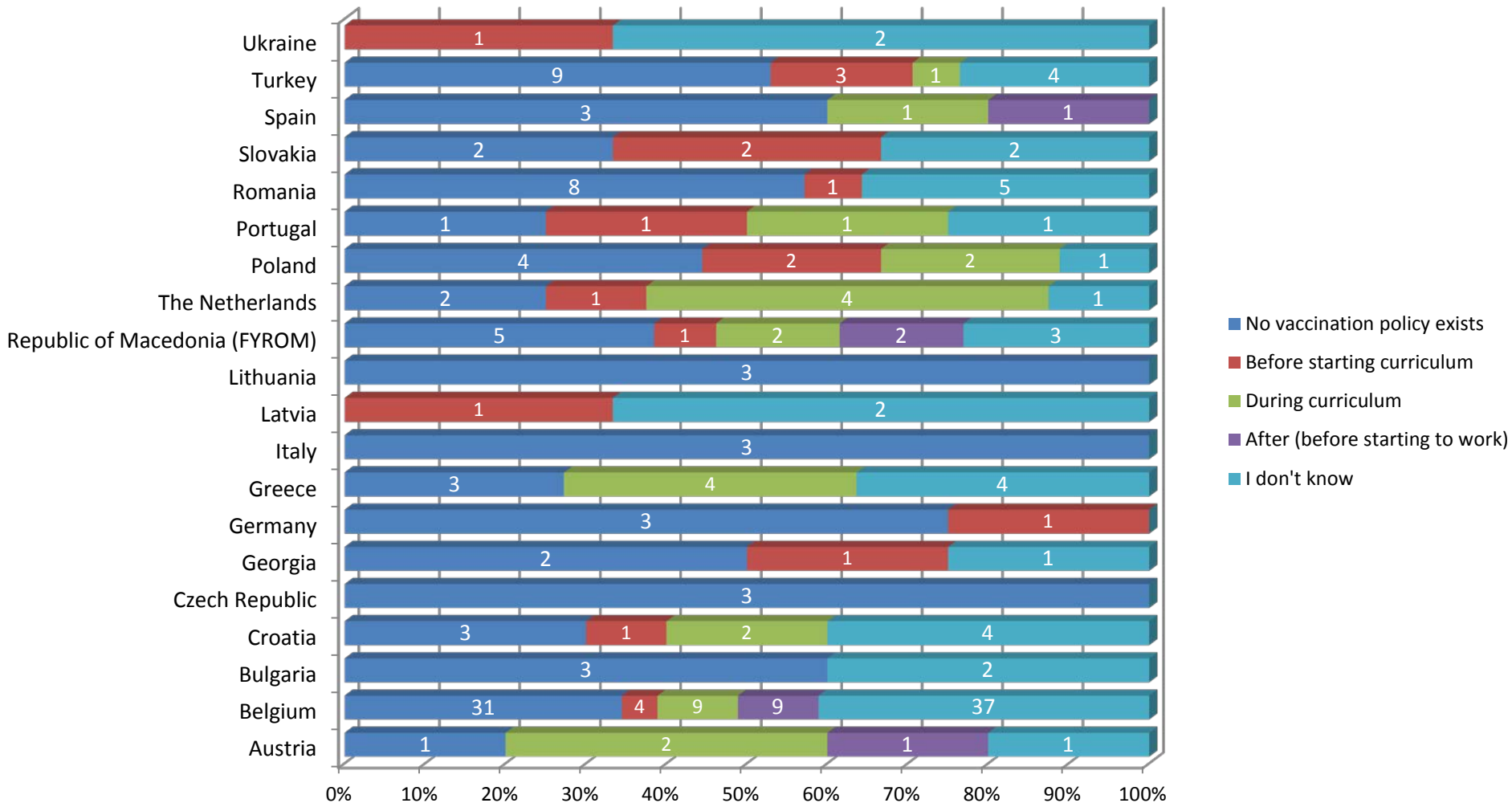
Answer Options	No vaccination policy exists	Before starting curriculum	During curriculum	After (before starting to work)	I don't know
Hepatitis B	12.4% (30)	27.0% (65)	46.5% (112)	4.1% (10)	10.0% (24)
Influenza	41.5% (100)	9.5% (23)	13.3% (32)	5.4% (13)	30.3% (73)
Pertussis	28.6% (69)	30.3% (73)	5.0% (12)	1.2% (3)	34.9% (84)
Tetanus	27.4% (66)	39.0% (94)	7.9% (19)	2.1% (5)	23.7% (57)
Diphtheria	26.6% (64)	34.4% (83)	5.4% (13)	1.7% (5)	32.0% (77)
Rubella	26.1% (63)	34.4% (83)	5.0% (12)	1.7% (5)	32.8% (79)
Mumps	25.7% (62)	32.4% (78)	4.1% (10)	1.7% (5)	36.1% (87)
Measles	27.4% (66)	34.4% (83)	5.0% (12)	1.7% (5)	31.5% (76)
Varicella	35.3% (85)	19.5% (47)	2.1% (5)	1.7% (5)	41.5% (100)

answered question 241

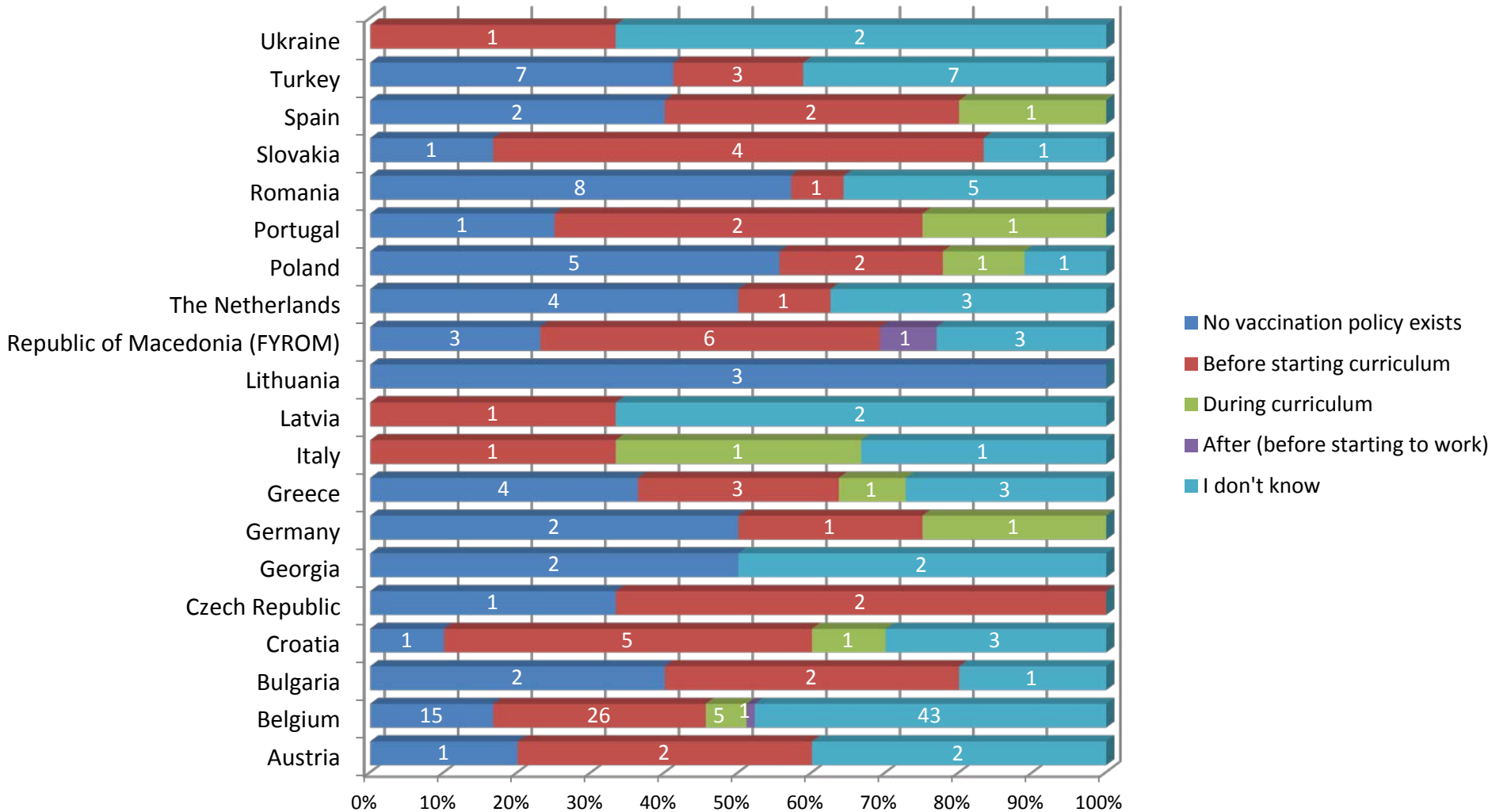
6.a Is **Hepatitis B** vaccination recommended/ mandatory for medical students before/during/ after the curriculum at your institution/in your country?



6.b Is **Influenza vaccination** recommended/ mandatory for medical students before/during/after the curriculum at your institution/in your country?

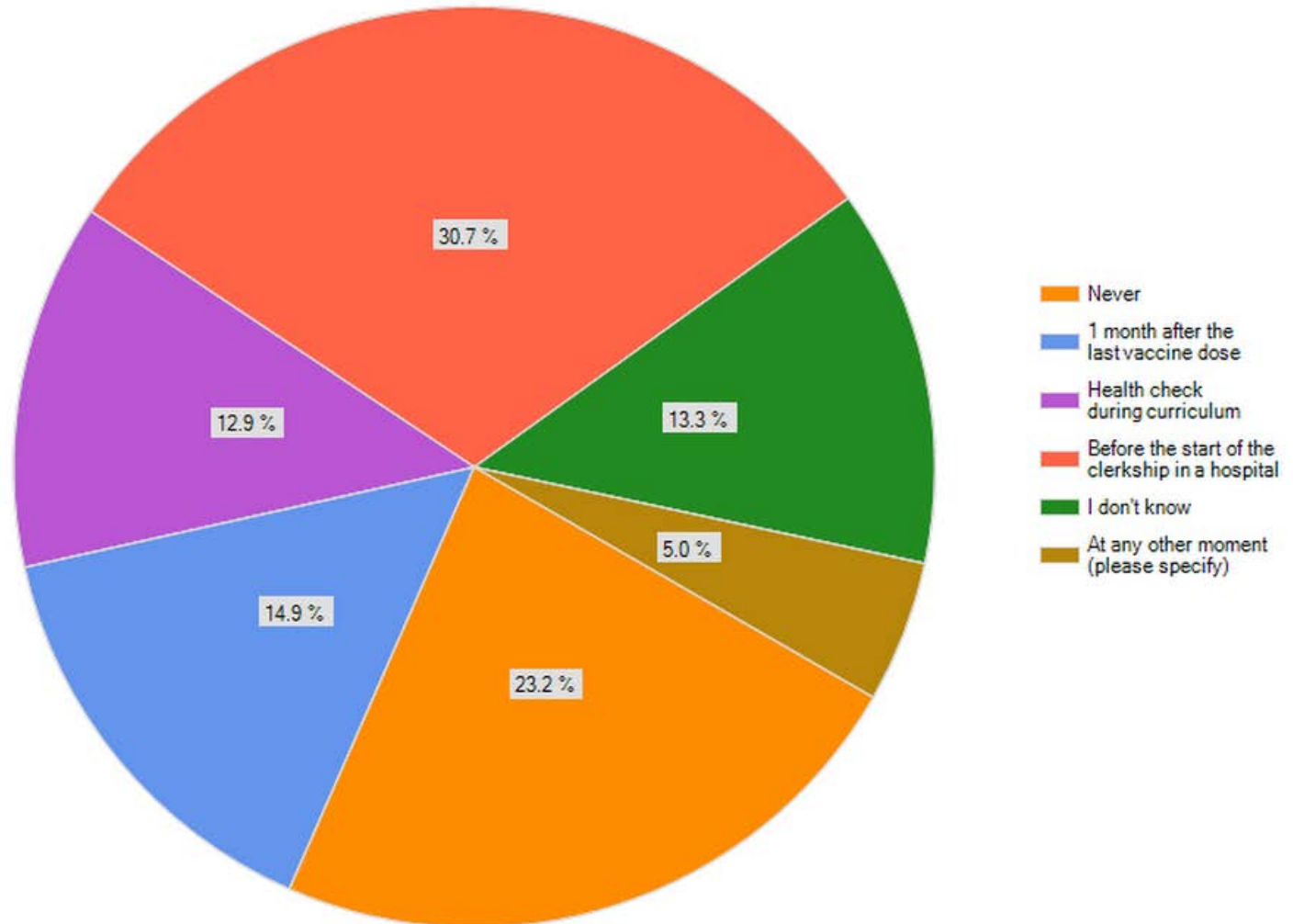


6.c Is **Pertussis vaccination** recommended/ mandatory for medical students before/during/after the curriculum at your institution/in your country?



7. Is the immunity status for Hepatitis B tested?

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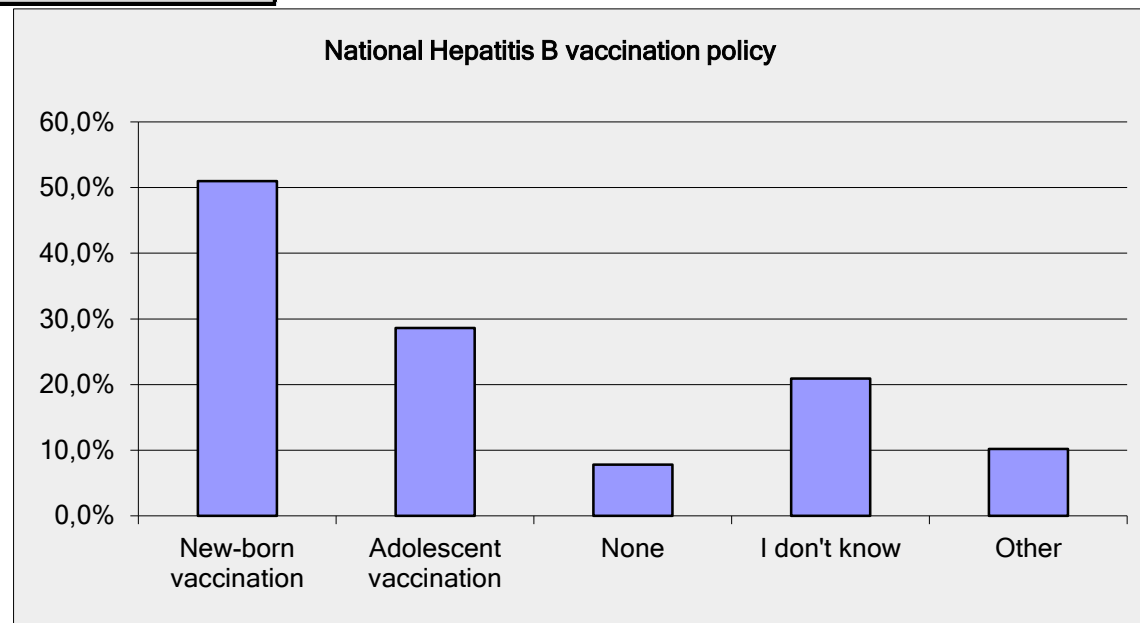


7. Is the immunity status for Hepatitis B tested?

		Is the immunity status for Hepatitis B tested?						
		Never	1 month after the last vaccine dose	Health check during curriculum	Before the start of the clerkship in a hospital	I don't know	At any other moment (please specify)	Response Count
		Austria	3 (60%)	0	0	0	0	2 (40%)
Belgium	0	20 (22.2%)	16 (17.8%)	50 (55.6%)	1 (1.1%)	3 (3.3%)	90	
Bulgaria	3 (60%)	0	0	1 (20%)	0	1 (20%)	5	
Croatia	3 (30%)	0	2 (20%)	4 (40%)	1 (10%)	0	10	
Czech Republic	1 (33.3%)	0	0	1 (33.3%)	0	1 (33.3%)	3	
Georgia	2 (50%)	1 (25%)	0	0	1 (25%)	0	4	
Germany	2 (50%)	1 (25%)	0	1 (25%)	0	0	4	
Greece	3 (27.3%)	0	1 (9.1%)	2 (18.2%)	3 (27.3%)	2 (18.2%)	11	
Italy	0	1 (33.3%)	2 (66.7%)	0	0	0	3	
Latvia	1 (33.3%)	0	1 (33.3%)	1 (33.3%)	0	0	3	
Lithuania	3 (100%)	0	0	0	0	0	3	
Republic of Macedonia (FYROM)	7 (53.8%)	1 (7.7%)	0	0	5 (38.5%)	0	13	
The Netherlands	0	7 (87.5%)	1 (12.5%)	0	0	0	8	
Poland	0	0	1 (11.1%)	4 (44.4%)	3 (33.3%)	1 (11.1%)	9	
Portugal	3 (75%)	0	0	0	1 (25%)	0	4	
Romania	6 (42.9%)	1 (7.14%)	1 (7.14%)	0	6 (42.9%)	0	14	
Slovakia	3 (50%)	0	1 (16.7%)	2 (33.3%)	0	0	6	
Spain	3 (60%)	0	1 (20%)	0	1 (20%)	0	5	
Turkey	6 (35.3%)	3 (17.6%)	0	3 (17.6%)	5 (29.4%)	0	17	
Ukraine	0	0	2 (66.7%)	1 (33.3%)	0	0	3	
answered question							229	

8. National Hepatitis B vaccination policy

Answer Options	Response Percent	Response Count
New-born	51,0%	105
Adolescent	28,6%	59
None	7,8%	16
I don't know	20,9%	43
Other	10,2%	21



9. Are there any other mandatory vaccines in your country for the general population or in specific age groups? (eg. poliomyelitis)

Poliomyelitis: Georgia, Turkey, Croatia, The Netherlands, Belgium, Ukraine, Republic of Macedonia (FYROM), Kosovo, Romania, Portugal, Poland, Slovenia, Czech Republic, Italy, etc.

BCG: Georgia, Turkey, Croatia, The Netherlands, Republic of Macedonia (FYROM), Kosovo, Portugal, Romania, Czech Republic, Slovenia, etc.

Measles-mumps-rubella: some students

Diphtheria-tetanus-pertussis: some students

HPV: some students

Conclusions

- Limited knowledge
 - On programs
 - On testing
 - Whether mandatory or not
- Large diversity in Europe