

Appendix Table. Genotypic data of invasive pneumococcal serotypes among adults, Czech Republic, 1996–2003\*

Serotype	No.	PFGE type	No. isolates in PFGE type	STs in PFGE types	No. isolates selected for MLST	MLST allelic profile							Estimated % isolates in cluster (no. isolates)	Antimicrobial drug resistance profile of isolates sharing the same ST					PMEN clone name					
						<i>aroE</i>	<i>gdh</i>	<i>gki</i>	<i>recP</i>	<i>spi</i>	<i>xpt</i>	<i>ddl</i>		Pen	Ery	Cmp	Tet	Cot						
3	85	3_1	83	180	6	7	15	2	10	6	1	22	60 (50)	S	S	S	S	S	Netherlands <sup>3</sup> -31					
				505	3	46	8	2	10	6	1	22	36 (31)	S	S	S	S	S						
				232	4	13	9	15	14	10	16	1		S	S	S	S	S						
				378	3	13	9	15	14	10	16	19		S	S	S	S	S						
								<b>2022</b>	1	13	9	15	14	10	<b>186</b>	1	S	S		S	S	S		
								260	2	26	9	15	14	9	16	19	2 (2)	S		S	S	S	S	
						3_2	1	458	1	2	32	9	47	6	21	17	1 (1)	S		S	S	S	S	
		3_3	1	1116	1	1	26	28	11	13	1	14	1 (1)	S	S	S	S	S						
4	58	4_1	17	800	2	8	41	4	1	6	116	6	29 (17)	S	S	S	S	S	Sweden <sup>4</sup> -38					
				801	4	8	70	4	1	6	116	6	24 (14)	S	S	S	S	S						
				<b>2361</b>	2	8	8	4	1	6	116	6		S	S	S	S	S						
				<b>2617</b>	2	8	70	4	16	6	116	6		S	S	S	S	S						
						4_2	14	205	9	10	5	4	5	13	10	18	24 (14)	S		S	S	S	S	
								<b>2333</b>	1	10	5	4	5	13	<b>194</b>	18	S	S		S	S	S		
								<b>2388</b>	1	10	5	4	5	<b>138</b>	10	18	S	S		S	S	S		
								1022	1	8	8	4	1	15	1	20	S	S		S	R	S		
						4_3	7	247	1	16	13	4	5	6	10	14	12 (7)	S		S	S	S	S	
								<b>2342</b>	4	16	<b>141</b>	4	5	6	10	14	S	S		S	S	S		
								<b>2362</b>	1	16	<b>141</b>	4	4	6	10	18	S	S		S	S	S		
								<b>2389</b>	1	16	<b>143</b>	4	5	6	10	14	S	S		S	S	S		
						4_4	9	1022	3	8	8	4	1	15	1	20	16 (9)	S		S	S	R(7)/S	S	
								<b>2333</b>	1	10	5	4	5	13	<b>194</b>	18	S	S		S	S	S		
						4_5	1	<b>2546</b>	1	16	13	6	5	10	<b>214</b>	<b>242</b>	3 (2)	S		S	S	S	S	
						4_6	1	<b>2546</b>	1	16	13	6	5	10	<b>214</b>	<b>242</b>	S	S		S	S	R		
						4_7	6	<b>2341</b>	3	7	<b>128</b>	4	1	15	116	72	14 (8)	S		S	S	S	S	
		4_8	2	<b>2341</b>	1	7	<b>128</b>	4	1	15	116	72	S	S	S	S	S							
		4_9	1	1637	1	10	13	53	5	13	10	18	2 (1)	S	S	S	S	S						
8	46	8_1	17	404	2	7	9	15	11	42	1	70	78 (36)	S	S	S	S	S	Netherlands <sup>8</sup> -33					
				8_2	19	404	3	7	9	15	11	42	1	70	S	S	S	S		S				
						1480	4	7	9	15	11	93	1	70	S	S	S	S		S				
						<b>2544</b>	1	7	9	15	11	93	1	14	S	S	S	S		S				
						8_3	10	53	7	2	5	1	11	16	3	14	22 (10)	S		S	S	S	S	
1	37	1_1	5	304	2	13	8	13	5	14	4	8	14 (5)	S	S	S	S	R(1)/S	Sweden <sup>1</sup> -40					
				305	2	13	8	13	5	17	4	28	S	S	S	R	S							
				1_2	31	306	3	12	8	13	5	16	4	20	83 (31)	S	S	S	S	S	Sweden <sup>1</sup> -28			

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	1_3	1	<b>2028</b>	1	7	31	4	34	6	4	94	3 (1)	S	S	S	S	S		
19F	36	19F_1	30	423	3	1	5	4	12	5	3	8	83 (30)	S	S	R(23)/S	R(22)/S	R(2)/S	
				<b>2024</b>	1	1	5	<b>141</b>	12	5	3	8		S	S	S	S	S	
				1960	1	1	5	4	6	5	3	8		S	S	R	R	S	
		19F_2	1	271	1	4	16	19	15	6	20	26	3 (1)	I	R	S	R	R	
		19F_3	1	<b>2030</b>	1	8	10	9	8	17	1	17	3 (1)	S	S	S	S	S	
		19F_4	2	251	1	18	2	22	1	9	23	14	8 (3)	S	S	S	S	R(1)/S	
		19F_5	1	251	1	18	2	22	1	9	23	14		S	S	S	S	S	
		19F_6	1	1551	1	5	7	4	2	10	1	6	3 (1)	S	S	S	S	S	
14	38	14_1	37	124	14	7	5	1	8	14	11	14	97 (37)	S	S	S	S	S	Netherlands <sup>14</sup> -35
		14_5	1	<b>1772</b>	1	8	37	4	5	1	3	8	3 (1)	S	R	S	R	S	
9V	35	9V_1	26	156	10	7	11	10	1	6	8	1	77 (27)	I	R(1)/S	S	S	R	Spain <sup>9V</sup> -3
				162	3	7	11	10	1	6	8	14		S	S	S	S	R(3)/S	
				<b>2025</b>	1	<b>88</b>	11	10	1	6	8	14		I	S	S	S	R	
				<b>2026</b>	1	7	<b>128</b>	10	1	6	8	14		S	S	S	S	R	
		9V_4	1	162	1	7	11	10	1	6	8	14		S	R	S	S	R	
		9V_2	8	239	4	15	17	4	16	6	19	17	23 (8)	S	S	S	S	R(6)/S	
				<b>1779</b>	1	15	17	4	16	6	19	14		S	S	S	S	R	
Total	335				132														

\*PFGE, pulsed-field gel electrophoresis; ST, sequence type; MLST, multilocus sequence typing; *aroE*, shikimate dehydrogenase; *gdh*, glucose-6-phosphate dehydrogenase; *gki*, glucose kinase; *recP*, transketolase; *spi*, signal peptidase I; *xpt*, xanthine phosphoribosyltransferase; *ddl*, D-alanine-D-alanine ligase; Pen, penicillin; Ery, erythromycin; Cmp, chloramphenicol; Tet, tetracycline; Cot, cotrimoxazole; PMEN, Pneumococcal Molecular Epidemiology Network; S, susceptible; R, resistant. New sequence types and new alleles are shown in **boldface**.  
 †Defined by e-BURST.