

38.03.01 "

08 . . . 2021 .

: 2021/2022 - 2024/2025

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/ ,							()
			1	2	3	4	
		240	60	60	60	60	
	Data Culture	4	4	0	0	0	
	(1 3)	4	4	0	0	0	
1		4	4				
2		4	4				
3		4	4				
	Major	168	31	45	48	44	
		82	31	27	24	0	
		82	31	27	24	0	
		3	0	3	0	0	
1		3		3			
		18	6	5	7	0	
1	1	5		5			
2	2	7			7		
3		6	6				
		9	9	0	0	0	
1		9	9				
		20	7	5	8	0	
1	1	5		5			
2	2	8			8		
3		7	7				
		23	9	14	0	0	
1		7		7			
2		7		7			
3		9	9				
		9	0	0	9	0	
1		9			9		
	(0 7)	86	0	18	24	44	
	(0 3)	82	0	18	24	40	
	" (1 4)	10	0	0	0	10	
1		10				10	
2		10				10	
3		10				10	
4		10				10	
	"	64	0	18	16	30	
1		10				10	
2		8			8		
3		8		8			
4		10		10			

5		10				10	
6		10				10	
7		8			8		
	" (0 2)	8	0	0	8	0	
	" (1 2)	8	0	0	8	0	
1		8			8		
2		8			8		
	" (2 2)	8	0	0	8	0	
	" (1 5)	4	0	0	4	0	
1		4			4		
2		4			4		
3		4			4		
4		4			4		
5		4			4		
	" (1 6)	4	0	0	4	0	
1		4			4		
2		4			4		
3		4			4		
4		4			4		
5		4			4		
6		4			4		
	" (0 2)	82	0	18	24	40	
	" (1 2)	10	0	0	0	10	
1		10				10	
2		10				10	
	" "	72	0	18	24	30	
1		10				10	
2		8		8			
3		10		10			
4		10				10	
5		8			8		
6		8			8		
7		8			8		
8		10				10	
	1-2 (1 2)	4	0	0	0	4	
1		4				4	
2		4				4	
	" (0 6)	82	0	18	24	40	
	6) " (1	10	0	0	0	10	
1		10				10	
2		10				10	
3		10				10	
4		10				10	
5		10				10	
6		10				10	
	2 2) " (1 -	8	0	0	0	0	
1		8		8			
2		8		8			
	6) " (1	4	0	0	4	0	
1		4			4		

2		4			4		
3		4			4		
4		4			4		
5		4			4		
6		4			4		
	5) " "(1	4	0	0	4	0	
1		4			4		
2		4			4		
3		4			4		
4		4			4		
5		4			4		
	5) " "(2	16	0	0	16	0	
1		8			8		
2		8			8		
3		8			8		
4		8			8		
5		8			8		
	" "	40	0	10	0	30	
1		10		10			
2		10				10	
3		10				10	
4		10				10	
	" "(0 4)	82	0	18	24	40	
	" (1 6)	4	0	0	4	0	
1		4			4		
2		4			4		
3		4			4		
4		4			4		
5		4			4		
6		4			4		
	" (1 2)	8	0	8	0	0	
1		8		8			
2		8		8			
	" (3 4)	60	0	0	30	30	
1		10				10	
2		10				10	
3		10				10	
4		10				10	
	" "	40	0	10	20	10	
1		8			8		
2		10		10			
3		4			4		
4		4			4		
5		4			4		
6		6				6	
7		4				4	
	6) " "(6 - 0	82	0	18	24	40	
	" (1 3)	8	0	0	8	0	
1		8			8		
2		8			8		
3		8			8		
	" (1 6)	4	0	0	4	0	

1		4			4		
2		4			4		
3		4			4		
4		4			4		
5		4			4		
6		4			4		
	" (2 3)	20	0	0	0	20	
1		10				10	
2		10				10	
3		10				10	
	" (1 2)	0	0	0	0	0	
1		10				10	
2		10				10	
	" (1 5)	4	0	0	4	0	
1		4			4		
2		4			4		
3		4			4		
4		4			4		
5		4			4		
	"	36	0	18	8	10	
1		8		8			
2		10		10			
3		8			8		
4		10				10	
	" (6 - 0 6)	82	0	18	24	40	
	" (1 2)	8	0	8	0	0	
1		8		8			
2		8		8			
	" (2 6)	20	0	0	0	20	
1		10				10	
2		10				10	
3		10				10	
4		10				10	
5		10				10	
6		10				10	
	" (1 5)	4	0	0	4	0	
1		4			4		
2		4			4		
3		4			4		
4		4			4		
5		4			4		
	" (1 6)	4	0	0	4	0	
1		4			4		
2		4			4		
3		4			4		
4		4			4		
5		4			4		
6		4			4		
	" (1 4)	8	0	0	8	0	
1		8			8		
2		8			8		
3		8			8		
4		8			8		

	"	38	0	10	8	20	
1		10				10	
2		10		10			
3		10				10	
4		8			8		
	Minor	21	18	3	0	0	
1		18	18				
2	:	3		3			
		3	0	0	0	3	
		3	0	0	0	3	
1		3				3	
		14	7	7	0	0	
		12	6	6	0	0	
	. 2 1-2	3	0	3	0	0	
1		3		3			
	. 2 3-4 (1 3)	3	0	3	0	0	
1		3		3			
2		3		3			
3		3		3			
	1 (1 2)	6	6	0	0	0	
1		6	6				
2		6	6				
		2	1	1	0	0	
1		1	1				
2		1	0	1			
		30	0	5	12	13	
	-	6	0	0	0	6	
1	-	6				6	
		12	0	5	0	7	
1		5		5			
2		7				7	
		12	0	0	12	0	
1		6			6		
2	3	6			6		