Schools Team
Candidate assignment

Overview
Thank you for taking the time to attempt the take-home assignment! This exercise aims to understand your ability to analyse and interpret data, and draw meaningful insights.

The information given below is intended to guide you through this process. Additionally, we request you to keep this assignment and the data confidential; and also to "timebox" this task to a few hours as we wish to be respectful of your time.

How to submit the task
You may submit a written report or presentation (commonly done in PPT) along with an excel sheet/codebook through Greenhouse
For the candidates who qualify in this assignment round, there will be a panel presentation and interview.

Frequently Asked Questions
We've created a list of FAQs below to help our candidates know what to expect and prepare:
1. What if I have questions about the dataset?
Completing this exercise will require you to critically examine the dataset and possibly make some assumptions. This is perfectly fine and normal - just be sure to outline the assumptions & decisions you made around the treatment of the data.

2. How will the assignments be evaluated?
Overall we will be assessing candidates' ability to work with the data and draw meaningful information to support data driven decisions. Criteria that are important to us include your approach to problem solving, as well as communication of these findings.

3. How much time should I expect to spend on this exercise?
It is potentially possible to spend a really long time going down deep in many directions. Please do not do this. We are expecting you to spend a few hours on this, produce some meaningful numbers, and provide somewhat insightful answers.

Context

Khan Academy India has been working with the State Government of Algebra since April 2023. In the state, our programme has been running in all the 15 districts, covering 155 schools and reaching 23,583 students across Gr6-8.

Across all these schools, our programme focusses on getting teachers and students to use KA content as a supplement to classroom teaching to help students practice and improve mastery on mathematical concepts. Based on research and evidence, we work to ensure that students spend at least 30 minutes per week on KA platform to practice. Specifically, teachers are directed to assign KA exercises every week to their students. In schools where infrastructure is available, a KA period (45minutes) has been provided in the time-table for each grade (Gr6-8) during which students use KA on a computer/device to practice the content (exercises) assigned by their teacher. In schools where infrastructure is not available, teachers assign KA content for students to practice at home using a device available in their house.

As part of the programme, Khan Academy conducted a training session for teachers where they are trained on using KA, including creating a classroom (with their students), assigning content/exercises, checking student progress report, etc.

As the Senior State Program Lead for Algebra State, you are reviewing the Khan Academy programme data for last year to understand our programme's reach and engagement. Please refer to the 'Data set' tab for the complete data set. Please note: this is illustrative data that has been put together for the purpose of this exercise.

For each district and school, the following data has been provided
1. Total number of students registered on Khan Academy: For each school, this data indicates the total number of students who have an account on Khan Academy
2. Number of active students (month-wise): This data indicates, the number of students who have come on KA platform during a given month
3. Average learning time per student: This data indicates the average time spent on Khan Academy platform in a given month by activated students

Your instructions

Suppose you are the Senior State Program Lead for Algebra State. Based on the given Data set,
1) Highlight 3-4 trends you are noticing in the data
2) What are the hypotheses you think are contributing to these patterns? [Feel free to make any assumptions, and please list them down in your submission]
3) As the programme enters its second year (in April 2024), you are looking to strengthen the implementation and deepen usage of Khan Academy. Based on your responses to the previous two questions, what are some measures that you have identified to introduce in the coming year for (i) yourself, (ii) state officials, and (iii) teachers.

Please respond to the questions in a document/presentation (pdf) and name the document as 'Assign1_First Name Last Name'. Please also share the excel file/codebook with your workings

District Name	School Name	Total Number of Students Registered	Numbers of active students (per month)											
			M1	M2	M3	M4	M5	M6	M7	M8	M9	M10	M11	M12
District 1	ZPP 1	133	2	0	7	44	37	6	7	0	4	2	1	1
District 1	ZPP 2	135	5	2	12	59	23	8	13	11	6	12	5	0
District 1	ZPP 3	69	0	0	4	31	32	18	4	6	3	1	0	0
District 1	ZPP 4	106	5	1	12	9	24	24	23	10	15	9	1	0
District 1	ZPP 5	102	1	0	3	15	26	4	1	3	1	1	0	0
District 1	ZPP 6	175	23	3	0	66	1	23	2	0	0	0	0	0
District 1	ZPP 7	188	18	1	3	38	2	33	1	3	6	0	1	0
District 2	ZPP 8	125	1	6	58	30	25	26	1	1	0	1	0	0
District 2	ZPP 9	169	9	4	18	32	44	60	41	22	7	3	3	21
District 2	ZPP 10	85	11	2	20	32	29	52	26	2	0	1	3	1
District 2	ZPP 11	107	13	5	13	13	30	3	18	3	1	0	3	1
District 2	ZPP 12	171	49	44	39	92	77	42	34	15	7	3	1	0
District 2	ZPP 13	171	6	49	74	75	57	80	82	83	15	0	5	1
District 2	ZPP 14	174	13	18	33	99	63	70	91	34	10	1	7	2
District 2	ZPP 15	101	10	1	19	73	61	57	41	13	6	25	2	0
District 2	ZPP 16	155	16	5	36	49	71	66	44	18	58	7	1	1
District 3	ZPP 17	114	6	15	50	63	36	49	59	51	30	46	5	1
District 3	ZPP 18	82	18	5	50	60	54	5	35	38	42	34	5	4
District 3	ZPP 19	134	11	11	25	57	66	85	39	32	7	12	1	0
District 3	ZPP 20	124	11	5	5	37	44	20	8	5	1	2	0	0
District 3	ZPP 21	102	13	7	9	96	57	49	13	22	2	0	3	0
District 3	ZPP 22	134	10	4	51	72	87	32	20	2	2	14	6	0
District 3	ZPP 23	132	11	19	47	46	66	52	66	55	52	62	2	1
District 3	ZPP 24	129	35	41	97	105	88	69	37	31	66	61	5	8
District 4	ZPP 25	208	2	11	9	14	71	66	31	5	1	0	1	0
District 4	ZPP 26	167	9	15	13	25	32	22	23	14	8	5	0	0
District 4	ZPP 27	45	0	0	3	0	0	0	0	0	0	0	0	0
District 4	ZPP 28	204	0	13	42	42	63	24	29	47	24	48	1	0
District 4	ZPP 29	111	3	1	33	48	53	51	42	40	32	22	2	1
District 4	ZPP 30	159	23	27	53	50	50	43	33	36	30	33	2	2
District 4	ZPP 31	110	18	40	56	71	76	85	74	58	45	46	5	0
District 4	ZPP 32	159	3	1	17	46	56	41	42	35	39	22	0	0
District 4	ZPP 33	139	7	2	4	73	43	78	31	10	3	11	2	1
District 4	ZPP 34	167	10	3	1	65	46	54	41	14	23	15	3	2
District 4	ZPP 35	114	1	17	11	50	60	34	26	26	5	0	1	3
District 4	ZPP 36	154	1	21	18	29	70	32	9	2	0	2	5	3
District 5	ZPP 37	109	7	3	0	2	5	1	1	0	0	0	0	0
District 5	ZPP 38	151	17	7	5	49	62	100	63	61	40	60	2	1
District 5	ZPP 39	90	3	5	2	47	61	52	77	27	34	14	0	0
District 5	ZPP 40	144	25	5	4	27	44	51	40	5	12	21	1	0
District 5	ZPP 41	138	4	2	9	7	3	4	10	4	5	3	1	1
District 5	ZPP 42	123	21	38	32	34	79	59	53	52	47	52	23	18
District 6	ZPP 43	157	0	0	3	3	0	0	1	0	0	0	0	0
District 6	ZPP 44	172	8	5	6	2	0	0	0	0	0	0	0	0
District 6	ZPP 45	251	37	50	53	50	42	45	38	32	27	22	15	8
District 6	ZPP 46	391	12	24	19	15	16	9	9	2	4	2	1	5
District 6	ZPP 47	214	13	10	7	7	6	0	12	4	1	0	0	0
District 6	ZPP 48	135	15	11	15	7	2	7	1	0	0	0	0	0
District 6	ZPP 49	119	14	9	22	14	11	2	3	0	1	0	0	0
District 6	ZPP 50	123	18	30	30	4	16	12	22	7	4	10	2	4
District 6	ZPP 51	332	0	0	22	61	68	37	13	30	42	56	4	5
District 6	ZPP 52	208	0	0	0	21	18	0	1	12	18	1	0	0
District 6	ZPP 53	501	3	0	0	0	0	13	7	0	9	7	3	3
District 6	ZPP 54	122	0	3	0	0	1	0	0	0	1	0	0	0
District 6	ZPP 55	247	0	0	0	22	55	12	63	15	2	8	0	0
District 6	ZPP 56	217	1	0	33	27	31	55	15	34	21	14	0	0
District 6	ZPP 57	39	7	4	0	8	1	22	16	4	1	1	0	0
District 6	ZPP 58	88	27	14	29	11	1	47	44	11	2	0	4	3
District 6	ZPP 59	142	8	2	5	9	5	23	17	6	3	1	1	5
District 6	ZPP 60	179	0	1	0	0	0	2	5	2	3	2	0	0
District 7	ZPP 61	139	5	16	53	61	30	32	54	76	49	5	3	0
District 7	ZPP 62	145	0	19	19	16	8	55	46	30	13	5	1	0
District 7	ZPP 63	125	0	2	6	0	0	1	3	0	6	0	4	1
District 7	ZPP 64	139	15	16	5	6	4	24	23	17	18	12	13	7
District 7	ZPP 65	209	1	9	2	20	16	2	5	3	3	1	0	1
District 7	ZPP 66	144	0	1	0	2	5	3	16	8	7	3	2	1
District 7	ZPP 67	264	0	1	0	34	10	2	1	0	1	1	1	1
District 7	ZPP 68	161	8	8	1	56	34	11	19	66	31	5	0	0
District 8	ZPP 69	160	7	11	2	21	27	20	21	17	10	7	6	5
District 8	ZPP 70	127	10	6	3	13	22	46	39	38	24	17	5	4
District 8	ZPP 71	132	8	17	8	29	19	34	37	24	17	7	7	3
District 8	ZPP 72	147	8	5	1	10	10	14	9	9	5	2	2	3
District 8	ZPP 73	125	11	15	12	12	13	30	28	26	17	23	6	4
District 8	ZPP 74	109	6	1	1	22	27	29	19	12	21	4	1	0
District 8	ZPP 75	153	3	2	1	15	8	19	14	18	11	5	1	0
District 8	ZPP 76	182	4	3	3	23	23	15	19	13	10	5	2	1
District 8	ZPP 77	207	22	12	32	22	42	14	10	3	3	0	0	0
District 8	ZPP 78	315	7	2	4	1	15	0	1	0	0	0	2	1
District 8	ZPP 79	209	0	0	0	0	4	21	7	0	0	0	0	0
District 8	ZPP 80	173	12	0	4	0	7	0	0	0	0	0	0	0
District 8	ZPP 81	426	1	1	1	13	32	17	13	18	12	6	2	2
District 8	ZPP 82	179	4	1	4	2	4	0	0	0	0	0	0	0
District 8	ZPP 83	236	4	0	0	39	16	9	4	14	6	3	0	0
District 8	ZPP 84	48	3	0	0	2	0	1	0	0	0	0	0	0
District 8	ZPP 85	291	14	9	6	24	36	21	3	8	17	4	0	2
District 9	ZPP 86	162	7	3	3	10	23	8	6	9	3	3	1	0
District 9	ZPP 87	158	0	0	0	56	22	0	0	0	0	62	1	1
District 9	ZPP 88	0	0	0	0	0	0	0	0	0	0	0	0	0
District 9	ZPP 89	135	0	1	1	8	6	2	1	1	1	0	0	0
District 9	ZPP 90	164	1	0	0	0	16	1	0	13	0	24	0	0
District 9	ZPP 91	205	30	22	20	26	21	37	37	3	36	55	8	4
District 9	ZPP 92	215	1	1	2	1	0	1	1	0	1	16	4	1
District 9	ZPP 93	222	3	1	0	7	10	1	11	3	23	10	0	1
District 9	ZPP 94	151	2	0	0	8	23	27	23	28	55	45	6	8
District 10	ZPP 95	158	7	5	3	4	4	5	2	0	2	2	2	0
District 10	ZPP 96	106	9	18	4	6	6	5	1	4	9	4	1	2
District 10	ZPP 97	46	0	0	0	0	0	0	0	0	0	0	0	0
District 10	ZPP 98	129	29	0	4	1	0	5	0	0	0	0	1	0
District 10	ZPP 99	40	5	0	1	3	36	1	1	0	2	0	0	0
District 10	ZPP 100	33	0	0	0	0	0	0	0	0	0	2	3	0
District 10	ZPP 101	160	32	72	65	71	46	23	16	10	20	32	8	2
District 11	ZPP 102	171	4	0	1	7	16	12	6	3	2	0	0	0
District 11	ZPP 103	187	32	19	27	69	75	63	40	54	43	47	31	38
District 11	ZPP 104	115	9	1	9	18	18	6	1	10	1	0	0	1
District 11	ZPP 105	180	6	2	2	3	4	7	0	0	1	0	0	0
District 11	ZPP 106	181	0	1	1	5	0	5	2	0	0	1	0	0
District 11	ZPP 107	63	1	0	0	0	0	0	0	0	0	0	0	0
District 11	ZPP 108	133	14	4	0	8	32	97	90	97	93	97	0	0
District 11	ZPP 109	187	1	0	0	6	2	0	0	1	0	0	0	0
District 11	ZPP 110	187	4	6	7	18	22	25	16	9	6	6	1	1
District 11	ZPP 111	209	4	1	0	5	14	14	0	8	16	6	0	0
District 12	ZPP 112	230	15	4	13	28	91	73	0	55	78	23	12	7
District 12	ZPP 113	49	0	0	0	0	3	17	0	0	0	4	0	0
District 12	ZPP 114	129	6	0	4	13	15	1	0	6	0	0	0	1
District 12	ZPP 115	124	11	6	21	22	14	42	7	2	13	6	1	1
District 12	ZPP 116	182	16	2	2	33	15	39	22	7	4	1	2	3
District 12	ZPP 117	151	16	10	16	24	17	25	7	4	3	8	2	16
District 13	ZPP 118	177	10	8	0	10	46	30	9	22	16	0	0	0
District 13	ZPP 119	37	12	6	4	7	20	14	13	13	7	10	1	2
District 13	ZPP 120	41	13	4	0	1	18	15	3	1	1	1	0	0
District 13	ZPP 121	102	37	10	28	45	52	45	48	37	6	22	1	11
District 13	ZPP 122	81	14	6	37	40	45	48	45	36	36	35	31	21
District 13	ZPP 123	148	19	4	25	17	47	34	43	41	7	7	1	16
District 13	ZPP 124	169	23	45	67	121	115	106	120	149	121	77	35	30
District 13	ZPP 125	124	0	0	59	74	8	29	39	30	6	33	1	16
District 13	ZPP 126	92	0	0	0	0	5	49	16	38	25	14	7	5
District 13	ZPP 127	153	6	12	46	72	54	114	94	105	75	56	15	11
District 13	ZPP 128	199	20	52	30	50	38	29	38	10	12	5	3	2
District 13	ZPP 129	276	10	26	25	52	52	35	32	10	3	0	4	3
District 14	ZPP 130	160	22	3	0	0	0	0	7	0	0	0	22	36
District 14	ZPP 131	92	23	0	1	17	15	29	24	0	0	0	1	15
District 14	ZPP 132	80	5	1	2	14	0	2	0	0	1	0	17	11
District 14	ZPP 133	165	50	39	33	43	71	43	51	38	77	78	47	11
District 14	ZPP 134	98	16	10	18	22	15	4	2	0	0	0	0	0
District 14	ZPP 135	146	41	70	18	23	38	13	51	5	34	4	2	2
District 14	ZPP 136	60	2	8	11	26	34	8	1	2	0	0	0	0
District 14	ZPP 137	173	12	7	24	32	34	30	4	2	3	1	2	9
District 14	ZPP 138	146	15	2	57	18	48	33	39	21	10	9	0	0
District 14	ZPP 139	112	40	33	43	57	7	78	4	63	6	0	0	0
District 14	ZPP 140	117	5	1	16	75	34	72	24	3	1	3	1	0
District 14	ZPP 141	109	9	22	13	50	49	55	9	59	2	36	0	1
District 14	ZPP 142	132	15	6	12	20	48	44	27	6	27	49	0	0
District 15	ZPP 143	128	22	1	7	40	12	33	34	9	1	29	0	0
District 15	ZPP 144	216	22	5	11	43	23	35	35	40	70	77	1	0
District 15	ZPP 145	76	0	0	0	99	101	75	61	66	41	32	0	0
District 15	ZPP 146	175	0	0	22	64	21	33	8	13	9	3	5	1
District 15	ZPP 147	233	0	0	25	27	5	7	1	1	0	2	5	1
District 15	ZPP 148	254	0	0	0	18	7	0	0	0	0	0	1	0
District 15	ZPP 149	188	3	4	14	39	74	42	37	47	5	34	2	14
District 15	ZPP 150	177	0	0	4	19	20	0	1	0	0	6	6	1
District 15	ZPP 151	206	0	1	23	86	85	4	52	30	12	50	0	0
District 15	ZPP 152	95	1	17	22	69	60	76	57	45	59	73	5	37
District 15	ZPP 153	152	0	5	8	61	40	47	50	47	6	35	1	21
District 15	ZPP 154	56	4	0	36	36	44	32	38	21	24	15	11	4
District 15	ZPP 155	85	0	0	0	0	59	37	46	54	24	43	1	2

District Name	School Name	Average learning time on KA per active students (in minutes per month)											
		M1	M2	M3	M4	M5	M6	M7	M8	M9	M10	M11	M12
District 1	ZPP 1	0	0	47.2	57.7	19.1	31.4	0	0	20.8	12.9	15	0
District 1	ZPP 2	3	24.8	30	24.2	18	23.4	34.3	34.5	29.5	23.8	0	0
District 1	ZPP 3	0	0	42.8	73.9	76.5	45.1	29.8	25.1	11	0	0	0
District 1	ZPP 4	4	16.1	29.4	36	43.4	46.1	31.9	31	31.7	42.3	0	0
District 1	ZPP 5	0	0	44.7	35.1	101.4	24	20.3	5	8.4	0	0	0
District 1	ZPP 6	11.1	0	0	5.5	22.4	52.9	0	0	0	0	0	0
District 1	ZPP 7	25.9	21.4	30.7	47	25	7.2	15.3	22.4	0	0	0	0
District 2	ZPP 8	7.4	20.2	8.8	21.8	13	7	1.9	0	0	0	0	0
District 2	ZPP 9	5.5	31.8	41.6	40.6	45.1	17.7	22.9	7.7	2.5	4.7	16.8	4.7
District 2	ZPP 10	9.6	41.6	14.9	13.5	4.4	6.7	1.5	0	0	14.6	11.1	4.6
District 2	ZPP 11	11.5	19.9	55.9	30.4	26.9	9.7	9.6	0.9	0	0	0.8	17.5
District 2	ZPP 12	19.4	40.5	41.8	15.1	7.3	7.5	7.3	2.8	7.3	4.9	0	0
District 2	ZPP 13	20.7	36.2	36	30	36.5	23.3	19.6	10.8	0	0	2.3	0
District 2	ZPP 14	16.1	20.4	21.4	13.8	8.1	3.9	6.7	5	2.1	8	16.2	3.4
District 2	ZPP 15	12.4	38.8	5.7	5.8	2.6	3.4	3.3	3	4.9	3.8	0	0
District 2	ZPP 16	10.6	46.3	32	13.1	10.7	10.7	11.5	4.9	14.7	0.6	9.7	4.1
District 3	ZPP 17	14	88.1	41.4	32.2	40.4	52.9	42.1	27.2	27.2	16.9	0.7	5.9
District 3	ZPP 18	18.9	43.1	51.7	40.5	32.2	37.4	32.7	40.4	38.5	10.1	11.2	25.1
District 3	ZPP 19	32.3	29	34.1	28.2	9.7	14	14.9	30.6	10.6	4.6	0	0
District 3	ZPP 20	10	19.3	50.6	39	25.4	16.6	4.7	21.5	7.3	0	0	0
District 3	ZPP 21	31.2	20.6	27.7	28.2	7.7	8.5	4.2	1.6	0	0	0	1
District 3	ZPP 22	9.9	13	15.9	18.4	3.3	7.2	39.8	21.2	5.6	14	0	0
District 3	ZPP 23	6.3	13.2	60.2	48.1	23.2	40.8	35.7	33.9	28.7	7.1	1.2	22.4
District 3	ZPP 24	26.7	24.7	21.2	14.7	7.4	11.2	8.1	10.8	9.1	4.5	7.1	6.9
District 4	ZPP 25	63.2	27.2	37.9	37.8	11.6	28.1	12.6	8.8	0	0	0	0
District 4	ZPP 26	43.5	57.1	64.9	95.4	123.6	125.7	85.5	43.5	26.5	0	0	0
District 4	ZPP 27	0	0	0	0	0	0	0	0	0	0	0	0
District 4	ZPP 28	0	42.9	32	30	20.6	17.1	22.4	14.5	16.7	17.7	0	0
District 4	ZPP 29	2.1	17.6	10.3	5.7	7.5	8.5	8.1	7.1	8.1	8.6	0.7	0
District 4	ZPP 30	48.9	57.9	49.4	33.7	17.5	19.9	29.1	32.4	13.3	3.2	1	7.8
District 4	ZPP 31	35.8	69.5	13.4	14.1	11.1	8.7	9.2	7.1	10.6	62	0	0
District 4	ZPP 32	6.2	20.8	4.9	7.5	3	4.8	7.2	4.4	3.8	0	0	0
District 4	ZPP 33	9.2	14.3	30.1	23	22.3	28.4	8.4	20.2	17.1	18.2	12.6	0
District 4	ZPP 34	17.7	33.4	50.3	38.4	15.6	16.3	14.3	13.5	6.7	17.7	2.6	0
District 4	ZPP 35	35.6	44	33.2	24	19.3	19.5	17	15.9	0	0	1.2	0
District 4	ZPP 36	38.4	70.5	61.4	53.2	35.3	12.3	24	0	0	29.9	15.9	18.6
District 5	ZPP 37	30	0	0	39.6	2.1	20.2	0	0	0	0	0	0
District 5	ZPP 38	17.1	14.4	30.6	29.3	28	26.4	25.3	14.5	21.3	3.9	2.8	0
District 5	ZPP 39	23.1	6.7	44.8	46.1	18.5	13	13.4	14.5	9.4	0	0	0
District 5	ZPP 40	6.7	28	39	32.8	34	45	11	63.9	29.4	16.9	0	0
District 5	ZPP 41	31.7	6.8	25.8	6.5	4.7	6.1	14.4	11.5	1.1	14.3	8.3	0
District 5	ZPP 42	31.3	98.4	119.2	129.2	139.1	120.1	124.8	116.6	85.5	120.5	100.2	74.2
District 6	ZPP 43	0	0	0	0	0	0	0	0	0	0	0	0
District 6	ZPP 44	56	43.7	111.7	0	0	0	0	0	0	0	0	0
District 6	ZPP 45	103.8	125.8	127.6	130	147.2	156.6	130	123	93	98	100	110
District 6	ZPP 46	17.1	19.4	39	48.5	24.3	22.8	26.5	57.6	3.2	15.2	20.2	23.9
District 6	ZPP 47	37.6	18.2	32.7	52.8	0	0	25.6	26.9	0	0	0	0
District 6	ZPP 48	10.2	20.7	7.6	42.3	12.7	5.7	0	0	0	0	0	0
District 6	ZPP 49	52	19.7	46.5	30.6	18.4	51.6	0	0	0	0	0	0
District 6	ZPP 50	14	17.7	35.4	24.8	19.4	32.9	28.9	55	39.9	5	5.6	0
District 6	ZPP 51	0	0	52.2	44.9	22.2	17.3	24.6	25.6	19.5	33.1	11.7	28.7
District 6	ZPP 52	0	0	0	78.6	0	0	62.9	35.3	15	0	0	0
District 6	ZPP 53	0	0	0	0	0	9.8	0	0	28.3	4.1	16.4	0.7
District 6	ZPP 54	0	0	0	0	0	0	0	0	0	0	0	0
District 6	ZPP 55	0	0	0	33.4	20.5	21	11.2	13.3	14.7	0	0	0
District 6	ZPP 56	0	0	33.1	29.2	4.8	13	3.5	7.5	5.3	0	0	0
District 6	ZPP 57	11.8	0	0	2.2	35.8	14.5	8.2	4.5	2.9	0	0	0
District 6	ZPP 58	37	36.9	33.3	4	38.2	30.1	19.6	8	0	0	13.6	0
District 6	ZPP 59	13	33.3	23.4	65.9	14.6	24.1	18.6	22	1.9	34.1	6.2	30.3
District 6	ZPP 60	0	0	0	0	0	9.4	12.1	23.9	22.2	0	0	0
District 7	ZPP 61	15.2	29.6	49.6	45.4	24.5	63.1	53	34.9	12.1	4.5	0	0
District 7	ZPP 62	0	18	8.9	10.1	16.4	11.9	17.8	13.4	14	2.1	0	0
District 7	ZPP 63	0	6.2	0	0	0	12	0	0	0	0	16.8	2.8
District 7	ZPP 64	28.3	20.5	24.3	18.8	21.7	33.3	31.8	47.4	28.8	30.5	19.9	24.5
District 7	ZPP 65	9.4	6.4	34.5	15.1	46.2	65	47.8	29.1	10.4	0	0	0
District 7	ZPP 66	0	0	0	32.7	61.7	46.4	53	35.5	8	3.1	2.9	3.8
District 7	ZPP 67	0	0	0	14.7	39.7	2.6	0	0	6.4	0.7	1	0
District 7	ZPP 68	8.9	49.2	25.4	24.1	15.8	14.5	10	5.6	13.7	0	0	0
District 8	ZPP 69	19.7	17	9.5	30.5	42.6	82.9	59.2	28	28.1	13	36.5	12.2
District 8	ZPP 70	53.1	56.9	46.6	42.7	51.3	99.9	121	66.2	32.1	45.6	80	8.4
District 8	ZPP 71	23.9	56.8	80.4	113.8	126.2	120.3	139.1	128.1	116.6	84.3	37.3	27.6
District 8	ZPP 72	15.1	1.5	6.7	20.8	38.6	44.3	54.6	9.1	3	50	57.6	0
District 8	ZPP 73	17.5	25.3	30.6	54.9	100.4	124.5	111.4	65.1	43.7	13.1	9.7	10.9
District 8	ZPP 74	2.6	1	32.8	30.1	60	78.2	75.4	43.1	14.2	2.1	0	0
District 8	ZPP 75	2.3	24.6	36.7	59	48.8	110.2	78.4	64.6	59	24	0	0
District 8	ZPP 76	9.3	51.4	43.6	124.9	138.4	125.7	119.6	104.8	96.2	21.8	1.1	0
District 8	ZPP 77	48.6	33.9	27	26.6	16.2	21.6	22.7	16	0	0	0	0
District 8	ZPP 78	25.6	11.2	1	8.6	0	0	0	0	0	0	15.9	0
District 8	ZPP 79	0	0	0	0	5.5	11.6	0	0	0	0	0	0
District 8	ZPP 80	0	0	0	0	0	0	0	0	0	0	0	0
District 8	ZPP 81	15	12.2	56.1	84.9	92.2	76.4	111	76.7	41.4	44.3	6.4	10
District 8	ZPP 82	2.1	11.3	12.3	14.8	0	0	0	0	0	0	0	0
District 8	ZPP 83	0	0	0	59.6	90.4	13.1	60.6	82.4	37.3	0	0	0
District 8	ZPP 84	5	0	0	2.5	0	6	0	0	0	0	0	0
District 8	ZPP 85	19.9	10.2	35.3	51.3	45.3	47.4	18.3	34.7	18.6	0	0	0
District 9	ZPP 86	67.7	49.8	23.5	75.4	78.7	24.7	30.6	22.5	12.7	6.5	0	0
District 9	ZPP 87	0	0	0	54.9	0	0	0	0	0	4.7	1.7	0
District 9	ZPP 88	0	0	0	0	0	0	0	0	0	0	0	0
District 9	ZPP 89	0	1	27.5	19.2	14.6	21.7	13.5	4.7	0	0	0	0
District 9	ZPP 90	0	0	0	0	0	0	0	0	0	0	0	0
District 9	ZPP 91	53.7	55.4	30.8	68.5	51.9	42.5	18.7	36.1	68.7	38.9	43.9	46.5
District 9	ZPP 92	1.4	12.9	9.5	0	0	3.3	0	0	22.9	13.7	2.6	12.2
District 9	ZPP 93	1	0	0	38.6	2.7	17	27.8	53.2	31.1	0	0	0
District 9	ZPP 94	0	0	0	41.8	91.7	111.5	80.5	116.7	60.6	88.5	40.5	28.8
District 10	ZPP 95	30.5	51.3	27.2	7.4	10	35.2	0	0	19.4	3.3	0	0
District 10	ZPP 96	20.6	50.9	89	10.5	37.1	20.1	8.8	59.9	5.1	22.2	41.6	11
District 10	ZPP 97	0	0	0	0	0	0	0	0	0	0	0	0
District 10	ZPP 98	0	0	39.7	0	0	0	0	0	0	0	0	0
District 10	ZPP 99	0	0	24	7.3	3.5	11	0	0	0	0	0	0
District 10	ZPP 100	0	0	0	0	0	0	0	0	0	27.3	0	0
District 10	ZPP 101	48.5	23.7	31.9	33.7	16.4	14.8	9.4	28	43.1	44.5	34.6	7.2
District 11	ZPP 102	0	0	41.6	43.4	40.9	29.4	1	2.9	0	0	0	0
District 11	ZPP 103	59.7	58.8	66.9	44.8	32.6	42.2	52.2	46.3	37.7	31.9	44	48.4
District 11	ZPP 104	6.2	33	53.8	44.6	12.6	1	33.3	3.9	0	0	0	0
District 11	ZPP 105	25.6	39.2	81.5	39	32.7	0	0	0	0	0	0	0
District 11	ZPP 106	0	12.9	5.4	0	0	7.4	0	0	0	0	0	0
District 11	ZPP 107	0	0	0	0	0	0	0	0	0	0	0	0
District 11	ZPP 108	40.1	0	0	32	8.1	6	6.3	9.9	5.5	0	0	0
District 11	ZPP 109	0	0	0	0	0	0	0	0	0	0	0	0
District 11	ZPP 110	10.8	21.1	49.2	30.1	20.3	14	22.4	12.5	19.6	33.9	8.9	2.3
District 11	ZPP 111	1.3	0	0	39.5	9.3	0	0	11.2	11.6	0	0	0
District 12	ZPP 112	15.2	16.5	31.1	34.7	20	0	0	15.1	8.4	9.8	6.9	16.1
District 12	ZPP 113	0	0	0	0	12.4	0	0	0	0	0	0	0
District 12	ZPP 114	0	0	9.9	12.6	3.9	0	0	0	0	0	0	13.6
District 12	ZPP 115	25.7	38.9	19.9	14.1	10.4	6.5	2	26.1	12.7	18.7	32	0
District 12	ZPP 116	8.7	26.6	18	17.5	21	28	8.2	39.7	6.9	3.7	2.8	20.9
District 12	ZPP 117	27.1	51.1	12.8	36	16	8.8	18.7	11.9	5.2	13.7	6.2	7.8
District 13	ZPP 118	25.7	0	0	13.9	9.4	8.1	12.8	11.4	0	0	0	0
District 13	ZPP 119	49.7	19.7	12.1	37.3	46.5	15.7	14	25.5	28.7	6.2	11.2	20.9
District 13	ZPP 120	4.3	0	0	36.3	13	12.8	2.6	0.6	5	0	0	0
District 13	ZPP 121	30.1	69.4	50	62.4	22.8	23.1	25.2	10.9	13.3	71.2	18.7	15.5
District 13	ZPP 122	19.9	49.9	40.2	37.6	25.2	35.1	30.6	24.8	10.9	19.8	17.9	19.4
District 13	ZPP 123	72.4	38	29.9	51.3	23.6	20.7	14.2	13.7	16.9	4	16.4	17.6
District 13	ZPP 124	66.2	85	125.2	126.9	145.1	136.9	125.7	114.5	108.4	117.7	95.2	67.4
District 13	ZPP 125	0	0	28.4	10.7	15.1	17.2	20.3	19.9	12.8	43.3	12.1	10.9
District 13	ZPP 126	0	0	0	0	11.5	14.1	16	9.3	16.1	6.5	14.3	7.9
District 13	ZPP 127	21.3	18.2	28.6	68.1	15.1	15.8	17.1	18.6	15.8	14.7	14.4	6
District 13	ZPP 128	34.5	23.3	60.5	58.8	19.6	31.6	11.2	21.6	13	19.2	10.9	11.6
District 13	ZPP 129	17.3	27.7	42.2	29.1	14.7	20.3	13.5	4.1	0	0	4.3	2.6
District 14	ZPP 130	16.2	0	0	0	0	0	0	0	0	0	71.9	24.6
District 14	ZPP 131	0	0	14.6	14.5	29	32.2	0	0	0	0	15.9	27.4
District 14	ZPP 132	29.7	7.1	20.1	2	0	0	0	0	0	0	20.9	21.6
District 14	ZPP 133	22.2	24.6	29.6	31	15.9	32.9	31.6	38.9	36.7	16.1	7.2	11.4
District 14	ZPP 134	11	21.2	22.1	25.2	16.9	4.3	0	0	0	0	0	0
District 14	ZPP 135	21	23.8	30.8	22.6	7.3	3.9	7.4	12.3	55.3	11.2	3.7	5.6
District 14	ZPP 136	10.7	13.2	13.8	18.6	17.8	5.1	2	0	0	0	0	0
District 14	ZPP 137	22.3	22.3	24	34.8	18.9	7.8	1	13.5	5.8	6.2	13.2	16.5
District 14	ZPP 138	33.1	3	7.7	5.6	4.3	5.2	4.9	12	11.6	0	0	0
District 14	ZPP 139	29.8	32.5	38.5	6.1	11	10.9	6.9	12.5	0	0	0	0
District 14	ZPP 140	90.8	28.2	11.9	4.7	9.2	7.3	6.3	2.6	5.7	7.9	0	0
District 14	ZPP 141	24.1	32	31.6	23.5	17.7	21.1	11.6	10	11.8	0	0	35.4
District 14	ZPP 142	40.9	40.7	34.6	48.1	28.7	23.3	22.7	23.5	34.9	0	0	0
District 15	ZPP 143	54.6	37.8	16.4	7.5	2.2	2.6	8.1	1.4	11.5	0	0	0
District 15	ZPP 144	19.5	42.5	34.3	69.6	2.8	6.6	4.2	6.5	17.6	7.2	0	0
District 15	ZPP 145	0	0	0	18.5	9.9	4.8	4.1	4.4	4.3	0	0	0
District 15	ZPP 146	0	0	32.9	48.6	91.4	20.6	55.9	25.6	22.9	46.6	24.8	0
District 15	ZPP 147	0	0	28.4	9.3	41.3	15.8	2	0	0	31.9	44.4	0
District 15	ZPP 148	0	0	0	9.4	0	0	0	0	0	0	0	0
District 15	ZPP 149	8.4	37.6	63.4	68.8	20.5	32	29.5	8.2	28.1	2.1	24.8	29.8
District 15	ZPP 150	0	0	25	25.7	5	0	0	0	0	20.6	0.6	0
District 15	ZPP 151	0	30.2	38.6	17.7	7.2	5.4	4.5	8.6	15.7	0	0	0
District 15	ZPP 152	18.8	17.2	27.5	13.9	8.4	11.7	12.4	15.3	10.7	5.5	6.3	2.5
District 15	ZPP 153	0	22.1	34	22.6	10.3	12.6	10.1	22.6	7.1	3.4	11.5	10.1
District 15	ZPP 154	0	0	19.4	39.7	44	30.3	40.8	31.7	36.4	21.2	5.6	0.9
District 15	ZPP 155	0	0	0	0	32.8	28.4	25.4	30	33.5	1.1	1.1	6.3