

Infrastructure Network Committee

Infrastructure and Asset Management Update

21 March 2019

CAPITAL PROGRAMME

February Capital year to date

	LTP	Revised LTP Budgets	February YTD Actual	Actual as a % of revised LTP
Governance & Strategic Admin	3,978,858.00	3,721,000.00	815,000.00	22%
Water	6,595,700.00	4,069,000.00	1,067,000.00	26%
Wastewater	20,596,015.00	13,604,000.00	3,425,000.00	25%
Stormwater	848,000.00	1,259,000.00	241,000.00	19%
Solid Waste	00	188,000.00	191,000.00	102% overspend
Environmental Management	13,214.00	435,000.00	165,000.00	38%
Customer Services	485,959.00	532,000.00	238,000.00	45%
District Facilities	1,731,992.00	4,066,000.00	2,055,000.00	51%
Total excl Roding & Footpaths	34,249,738.00	27,874,000.00	8,197,000.00	29%
Roding & Footpaths	22,329,592.00	13,577,000.00	10,375,000.00	76%
Total incl Roding & Footpaths	56,579,330.00	41,452,000.00	18,572,000.00	

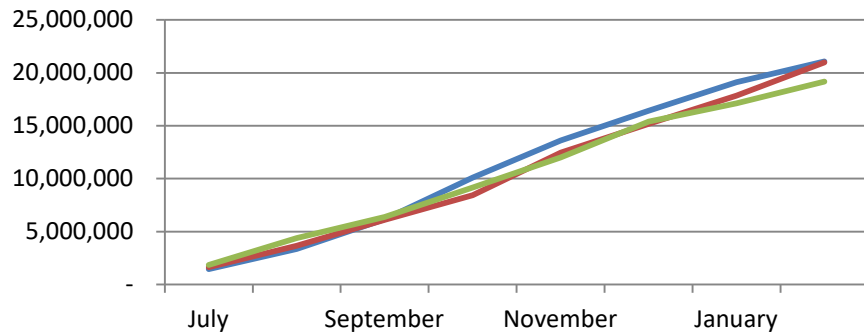
The revised LTP budget has been updated to reflect the changes approved at the LTP Workshop on 25 February 2019.

ROADING

Roading – Maintenance and Operations

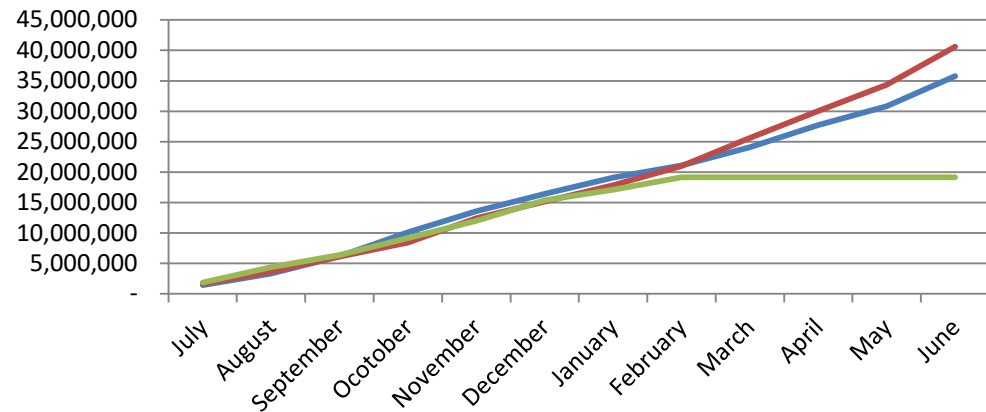
Accumulated Spend

2016/2017 2017/2018 Actuals 2018/2019



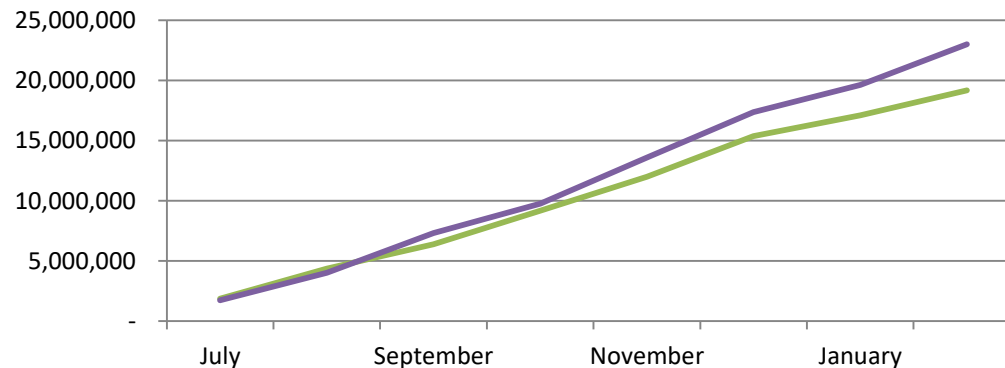
Accumulated Spend

2016/2017 2017/2018 Actuals 2018/2019



Spend v Forecast Current Year

Actuals 2018/2019 Forecast 2018/2019



Targeted Enhanced Financial Assistance Rate (TEFAR) Application

Increases FAR rate and reduces local share funding

Item	Project Name	Road Name	Estimated Cost
1	Kaitaia - Awaroa Rd Safety Improvements	Kaitaia – Awaroa Road	\$150,000
2	Kerikeri Road Safety Improvements	Kerikeri Road	\$100,000
3	Speed Management	Kaitaia-Awaroa Rd, Kerikeri Rd, Aucks Rd, Russell Whakapara Rd, Kapiro Rd, Flagstaff Rd, Tapeka Rd	\$100,000
4	Ngapipito Road (Site 1) Dust Sealing	Ngapipito Road	\$640,000
5	Pipiwai Road (Site 1) Dust Sealing	Pipiwai Road	\$360,000
	TOTAL LOW COST LOW RISK ELIGIBLE FOR TEFAR FROM 2018/19 PROGRAMME		\$1,350,000

Routine Works (Cumulative to end February)

Total Potholes repaired

Sealed= 2,983 no

Unsealed= 13,989 no

Unsealed Road Grading= 3,282 m

Water tables cleaned= 38,766 m

Replacement culverts installed= 296.5 m

Corridor Access Requests (Cumulative to end October)

Nov 2018 – 107 CAR's

Dec 2018 – 63 CAR's

Jan 2018 – 110 CAR's

Feb 2018 – 80 CAR's

TOTAL: 360 CAR's

Road Safety

(This year to date)

Nationally – 62 deaths (65 deaths Jan-Feb 18)

Northland – 6 deaths (9 deaths Jan–Feb 18)

- 4 State Highways
- 2 Local Roads

Speed Management Reviews

Regional approach to undertaking Speed Management Reviews

Step 1: Updating the Speed Limit Bylaw to make it consistent with new legislation and other Northland Bylaws

- Expect Agenda Item in April

Step 2: Initial Speed Reviews in selected High Benefit, Self Explaining road catchments

- Evidence based approach to identify initial areas
- Approach considers existing community and stakeholder feedback
- First draft reviews expected in May

Focus is on reducing road fatalities and serious injury accidents

Pavement Rehabilitation

Waimatenui Mataraua Road

Stage 2 was sealed at the end of December and the pavement marking reinstated.
Project completed.

Callaghans Road

Also sealed and pavement marking completed.



Roading New Works

Okahu Road Seal extension

Line marking, final sweep and clearing of water tables to be completed. Practical completion is programmed for 29 April 2019.



Hupara Road Seal extension

This project was initiated by residents of Hupara Road. Final chip sweeping and line marking are outstanding. Practical completion scheduled 02 April 2019.



International Rally of Whangarei 2019 – Saturday 4 May 2019

Route:

- Stage 3 & 7, Marlow Rd from the Whangarei District boundary to Going Rd
- Stage 4 & 8, Tapuhi Stage, SH1 on Ruapekapeka Rd to Monument Rd, to Tapuhi Rd finishing before the seal near SH1
- Stage 5 & 9, Piaka Rd from the Whangarei District boundary to Brown Rd, to Towai Rd to finish on Maromaku Rd.

60 rally cars- refuel/viewing Kawakawa

40 accredited media groups



3 WATERS

Kerikeri Wastewater Treatment Plant

- Earthworks at the new treatment plant complete
- Design and peer review of structures complete – pre-casting will commence on Monday 11 March
- Stormwater system- now under construction
- Spend to date \$15M
- Completion due December 2019
- Total project value \$25.6M



Rawene-Omanaia Water Treatment Plant

- Construction commenced January 2019
- Earthworks 90% complete
- Installation of new pipe work and MH's 30% complete
- Building design complete
- All specialist materials and subcontractors have been secured
- Programmed completion date 31st August 2019



Infrastructure Compliance Update – GM IAM

8 February 2019

**Total
Consents
385**

↑2

Total Abatement Notices
10

Total Enforcement
Orders
1

0

New Abatements since last month

0

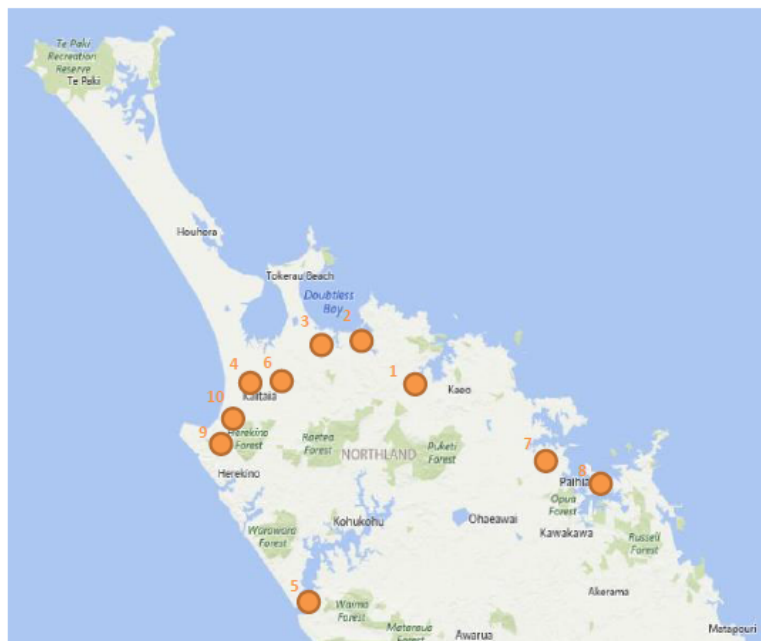
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New Infringements since last month

0.

Summary of Abatements



Reason for abatement

Abatement notice Issued December 2016

1	Kenken Sports Complex	District Facilities	The consent limit for discharge volume has been breached on a number of occasions for the onsite wastewater treatment and disposal system. Abatement notice issued May 2018.
2	Mangonui Handrail	Roading	Erection of a safety rail on the Mangonui boardwalk is required to meet consent conditions. Abatement notice issued August 2018.
3	Taipa Culvert	Roading	Repairs to a culvert triggered a resident contacting NRC requesting fish passage for the stream. NRC subsequently issued an abatement notice under Draft Regional Plan requirements for reinstatement of fish passage following culvert repairs, regardless of whether fish passage was in place previously. Abatement notice issued November 2018.
4	Kaitiaki Recovery Centre	Solid Waste	Discharge from stormwater run-off out of bins stored at recovery centre may contain contaminants that can then be discharged into waterways. Abatement Notice issued April 2016.
5	Opononi WWTP	Wastewater	Plant is evidencing non-compliance with E.Coli median and 90%ile limits. Abatement notice issued April 2016.
6	Kaitiaki Wastewater Network	Wastewater	Treatment plant is compliant however discharge of untreated wastewater has occurred via network overflows. Abatement Notice issued October 2016 and Enforcement Order application filed with Environment Court December 2018.
7	Paihia WWTP	Wastewater	Staff are preparing for a pre-hearing conference with the Environment Court on 6 March. Breaches in ammonia limits for the plant are ongoing. Abatement notice issued March 2017.
8	Russell WWTP	Wastewater	E.Coli limits breached over summer 2017/18 however recent months have all been compliant. Abatement notice issued March 2018.
9	Ahipara WWTP	Wastewater	Non-compliant volume of leachate being discharged to pond system from Ahipara Landfill. Abatement notice issued September 2017.
10	Ahipara WWTP	Wastewater	Discharge non-compliant with faecal coliform median and 90%ile levels.

Action Underway to become Compliant

Plumbing repairs completed, awaiting December and January monitoring results to ensure Issue has been rectified.

Abatement notice will stand until continued compliance with consent limit is achieved.
As agreed to by NRC, 80m of handrail installed in September 2016 in area perceived to be greatest risk.
Staff to continue working with community working group to reach acceptable solution for remainder of boardwalk.

Northern roading contractor is ready to go with fish ladder installation but currently awaiting NRC's confirmation that this is an acceptable solution (they are currently investigating fish types in this location).

Solutions are currently being investigated including stormwater interceptors and diversion to wastewater system for treatment.

NRC are holding off on further action as long as progress is evident

Meanwhile, a new brush aerator for the aerated lagoon is being installed and desludging work is planned.

Screens have been installed at overflow location and specialists engaged to investigate further solution/s.

A project to upgrade the plant is underway, as well as separate desludging project.

New decants due to be installed in February, staff continuing to monitor levels.

Pump controller upgraded to more accurately control volume sent to ponds and sensors being installed to obtain better understanding of where leachate coming from (stormwater or groundwater ingestion) before solution investigated.

Wetlands have been desludged and are being replanted and staff are finalising plans to desludge pond. Installation of disinfection unit also planned.

DISTRICT FACILITIES

Horeke Hall Renovation

Stage 1 – Complete.

- The hall now sits on solid foundations.

Stage 2 – Awarded.

The next stage consists of:

- New kitchen
- Replacement of exterior cladding and timber windows and doors. This contract has been awarded and starts in March 2019.



Kohukohu Hall

Work is underway at our Heritage listed Hall in Kohukohu.

Substantial works are required to the sub floor, cladding and roofing.

A full upgrade of the lighting systems will also be completed. The conversion to LED will both improve the lumen count in the hall and reduce the power consumption.



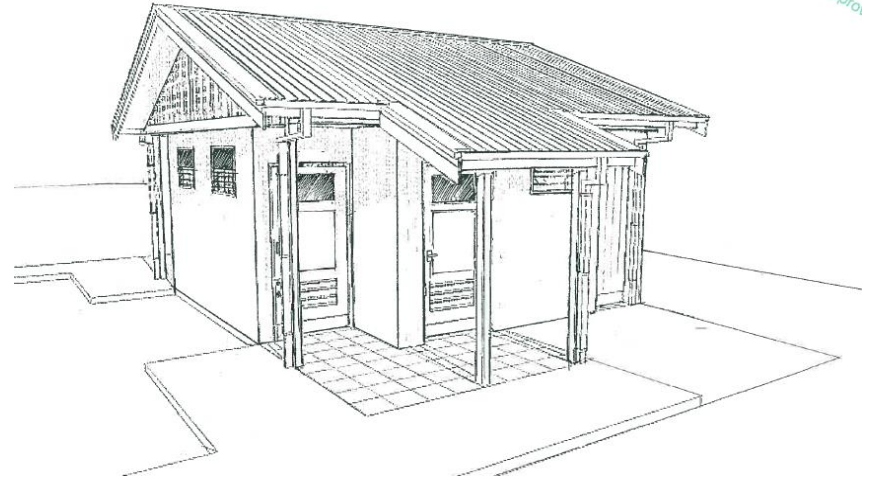
Ohaeawai Public Toilets

Worked has commenced on the upgrade of the Ohaeawai Public Toilets.

The new toilets will be upgraded and have the addition of disability access.

The toilets are situated adjacent to a designated Freedom Camping Site and are therefore well utilised.

The upgrade will provide a new modern clean look to this facility.



**Artists impression*

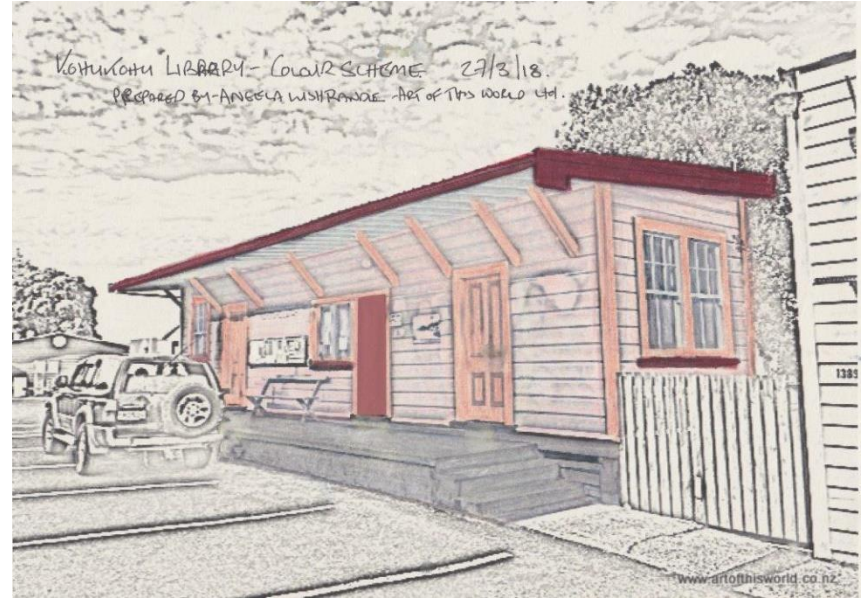
Kohukohu Community Library

Our historic Community run library in Kohukohu has received a makeover.

Local artist Angela Lush-Randel presented to the Community colour schemes from the early 1900's and they settled on the pretty in pink scheme.

Local painter Dave King was up to the task and has done justice to the plan he was given.

The Library now adds to the Kohukohu high street ambience and is a warm and inviting place for locals and tourists to visit.



Jaycee Playground

Te Hiku Community Board endorsed a nautical theme which draws on the history of the reserve for Jaycee Park playground and the adjoining reserve.

This work has commenced and will be completed by the end of March.

A landscape/open spaces concept has also been developed for the adjoining reserve. This will be discussed at a workshop with the Community Board in March.

3D View 4



Trees

Opito Bay Pohutakawas

District Facilities have carried out the final stage of the programme of works to save the 4x poisoned Opito Bay Pohutakawas using a donated restorative product. The trees are recovering with new shoots appearing and an improvement to leaf colour.

Pine Trees on FNDC Reserve Land

Planning to remove 22 large/unsafe pine trees situated on FNDC reserve land between Opononi and Omapere in collaboration with NZTA and Top Energy.



Swimming Pools – Attendance

Schools	9	48	655	0
Events	0	652	449	0
Lane hire	0	143	61	0
Spectators	71	225	280	370
Supers (Gold cards)	0	21	34	61
Undr 5's	31	147	215	436
Concessions	109	417	663	1220
Entries	200	447	978	1824
	Oct	Nov	Dec	Jan

KAITAIA SWIMMING POOL - attendance record

Schools	0		0	0
Events	0		0	136
Lane hire	0		0	0
Spectators	0		37	134
Supers (Gold cards)	0		6	51
Undr 5's	0		72	204
Concessions	0		134	347
Entries	0		455	999
	Oct	Nov	Dec	Jan

KAIKOHE SWIMMING POOL - attendance record

Schools	0	0	19	0
Events	0	0	97	0
Lane hire	0	165	386	314
Spectators	36	205	607	813
Supers (Gold cards)	10	24	108	360
Undr 5's	14	21	204	579
Concessions	112	332	1353	2368
Entries	71	234	878	1968
	Oct	Nov	Dec	Jan

KERIKERI SWIMMING POOL - attendance record

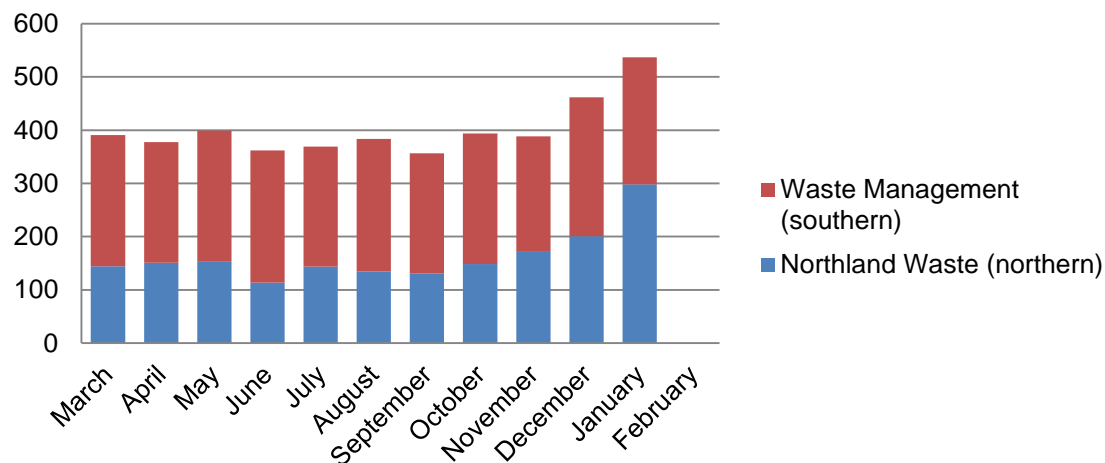
Schools	9	48	674	0	731
Events	0	652	546	136	1334
Lane hire	0	308	447	314	1069
Spectators	107	430	924	1317	2778
Supers (Gold cards)	10	45	148	472	675
Undr 5's	45	168	491	1219	1923
Concessions	221	749	2150	3935	7055
Entries	271	681	2311	4791	8054
	Oct	Nov	Dec	Jan	TOTAL

TOTAL SWIMMING POOL - attendance record

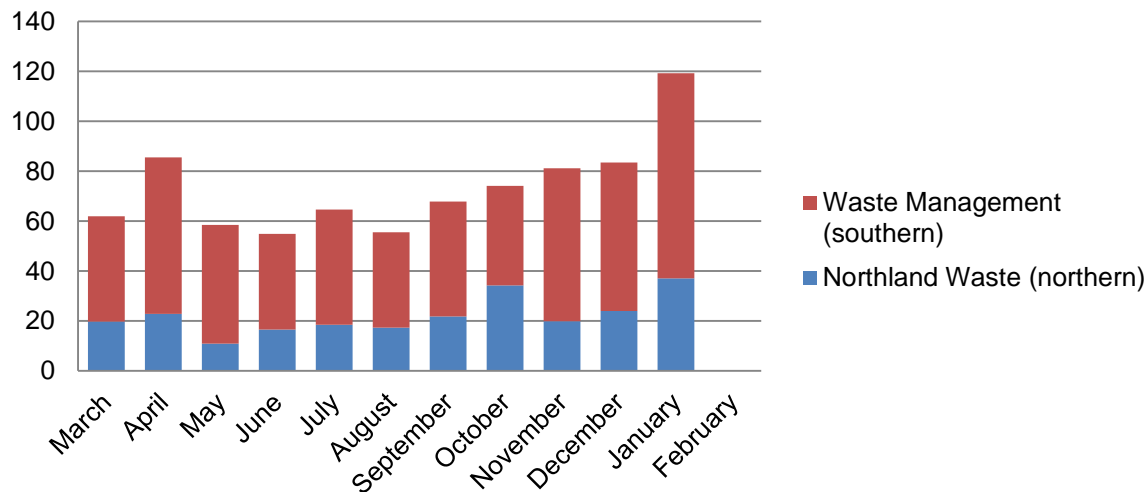
	HAS FIGURES			
	8	6	14	
Month	Oct	Nov	Dec	Jan
SWIMMING POOL - health & safety incidents				

Waste Management

Refuse Tonnages



Illegal Dumping Volumes



Total Recycling Volumes (m3)

Cardboard	2346.24	2390.28	2169.92	1923	2012.16	2004.5	1893.4	2213.44	2516.66	2920.58	3263.8	0
Glass	895.28	871.88	674.94	619.26	690.2	703.48	767.38	742.68	622.56	693.76	1048.92	0
Paper	189.36	162.64	180.72	157.96	187.48	137.58	143.48	557.82	403.46	669.96	606.54	0
Plastic	846.49	806.8	865.48	783.5	820	750	750	742	754.5	721.82	1076.66	0
Aluminium	99.5	104.5	102.5	81	97.5	74.5	69.5	107.5	94	161.34	137.5	0
Tin cans	112.4	99.6	94	93.8	96	109	107	278.5	166.5	69	202.64	0
Polyfilm	39	39	27.5	33.5	29	31	31	741.5	539	27.5	18	0
Scrap metal	960	918	890	820	1263	980	813	1038	879	1224	1226	0
Ewaste	9	9	20	9	15	35	9	9	9	11	5	0
Tyres (WM only)	0	18	18	9	18	18	9	0	0	36	0	0
	March	April	May	June	July	August	September	October	November	December	January	February

QUESTIONS