	case_status	age_group	genaer	aate_reportea	exposure	neaitn_re	egion
(0 Recovered	40-49	Female	2020-10-12	Close Contact	York Region Public	Health Services
	1 Recovered	<20	Female	2020-09-30	Close Contact	York Region Public	Health Services
:	2 Recovered	30-39	Female	2020-10-09	Close Contact	York Region Public	Health Services
:	3 Recovered	40-49	Female	2020-10-26	Not Reported	York Region Public	Health Services
4	4 Recovered	50-59	Female	2020-09-17	Close Contact	York Region Public	Health Services

SOL for Real:

SELECT * FROM oncovid_dtd WHERE (gender = 'Female') AND (health_region LIKE 'York Region Public Health Services' AND exposure <> 'Outbreak')

					Real	
	case_status	age_group	gender	date_reported	exposure	health_region
0	Recovered	40-49	Female	2020-10-12	Close Contact	York Region Public Health Services
1	Recovered	<20	Male	2020-10-24	Close Contact	York Region Public Health Services
2	Recovered	50-59	Male	2020-10-01	Not Reported	Peel Public Health
3	Recovered	20-29	Female	2020-09-17	Close Contact	Halton Region Health Department
4	Recovered	30-39	Female	2020-11-03	Not Reported	Wellington-Dufferin-Guelph Public Health

SQL for Real:

SELECT * FROM oncovid_dtd WHERE (date_reported = '2020-10-18' OR gender = 'Male') OR (exposure IN ('Not Reported', 'Outbreak', 'Travel-Related') OR case_status = 'Recovered')

Resulted in 90863 records

					Real	
	case_status	age_group	gender	date_reported	exposure	health_region
(Recovered	50-59	Male	2020-10-01	Not Reported	Peel Public Health
1	Recovered	30-39	Female	2020-11-03	Not Reported	Wellington-Dufferin-Guelph Public Health
2	Recovered	50-59	Female	2020-10-27	Not Reported	Halton Region Health Department
3	Recovered	50-59	Female	2020-08-31	Not Reported	Lambton Public Health
4	Recovered	<20	Female	2020-10-29	Not Reported	Peel Public Health

SELECT * FROM oncovid_dtd WHERE (case_status <> 'Recovered') OR (health_region = 'Toronto Public Health' AND age_group IN ('30-39', 'Not Reported', '60-69', '80+',

'<20', '40-49', '70-79', '50-59')) OR (date_reported = '2020-11-04' OR exposure = 'Not Reported')

Resulted in 46276 records

Real

 $case_status \ age_group \ gender \ date_reported \ exposure \ health_region$

SQL for Real: SELECT * FROM oncovid_dtd WHERE ((date_reported BETWEEN '2020-10-03' AND '2020-05-20') AND exposure <> 'Not Reported') AND (health_region <> 'Peel Public Health' AND gender IN ('Female', 'Male'))

Resulted in 0 records

Real

	case_status a	age_group	gender (date_reported	exposure	health_region
0	Recovered	40-49	Female	2020-10-12	Close Contact	York Region Public Health Services
1	Recovered	<20	Male	2020-10-24	Close Contact	York Region Public Health Services
2	Recovered	20-29	Female	2020-09-17	Close Contact	Halton Region Health Department
3	Recovered	30-39	Female	2020-11-03	Not Reported	$Wellington\hbox{-}Duffer in\hbox{-}Guelph\ Public\ Health}$
4	Recovered	40-49	Female	2020-11-02	Close Contact	Halton Region Health Department

SQL for Real:

SELECT * FROM oncovid dtd WHERE (age group <> '50-59') OR (case status <> 'Recovered' OR exposure IN ('Travel-Related', 'Outbreak'))

Resulted in 81174 records

Real

	case_status	age_group	gender	date_reported	exposure	health_region
0	Recovered	<20	Male	2020-10-24	Close Contact	York Region Public Health Services
1	Recovered	50-59	Male	2020-10-01	Not Reported	Peel Public Health
2	Recovered	40-49	Male	2020-10-30	Travel-Related	Durham Region Health Department
3	Recovered	20-29	Male	2020-10-19	Close Contact	York Region Public Health Services
4	Recovered	<20	Male	2020-09-23	Close Contact	Peel Public Health

SOL for Real:

	case_status a	age_group	p gender (date_reported	l exposure	health_region
(0 Recovered	50-59	Male	2020-10-01	Not Reported	Peel Public Health
	1 Recovered	20-29	Female	2020-09-17	Close Contact	Halton Region Health Department
:	2 Recovered	30-39	Female	2020-11-03	Not Reported	Wellington-Dufferin-Guelph Public Health
:	3 Recovered	50-59	Female	2020-10-27	Not Reported	Halton Region Health Department
	4 Recovered	<20	Female	2020-09-23	Close Contact	Hamilton Public Health Services

SELECT * FROM oncovid_dtd WHERE (case_status = 'Recovered') AND (exposure = 'Not Reported' OR date_reported BETWEEN '2020-05-15' AND '2020-10-07') Resulted in 52368 records

Real

	case_status	age_group	gender	date_reported	exposure	${f health_region}$
0	Recovered	70-79	Male	2020-03-24	Close Contact	Ottawa Public Health
1	Recovered	50-59	Male	2020-03-19	Travel-Related	Ottawa Public Health
2	Recovered	60-69	Male	2020-03-08	Close Contact	Ottawa Public Health
3	Recovered	50-59	Male	2020-02-20	Travel-Related	Ottawa Public Health
4	Recovered	50-59	Female	2020-03-18	Travel-Related	Ottawa Public Health

SQL for Real:

SELECT * FROM oncovid_dtd WHERE (health_region = 'Ottawa Public Health' AND exposure <> 'Not Reported')

Resulted in 5863 records

Real

	case_status a	ge_group	p gender (date_reported	l exposure	health_region
0	Recovered	40-49	Female	2020-10-12	Close Contact	York Region Public Health Services
1	Recovered	<20	Male	2020-10-24	Close Contact	York Region Public Health Services
2	Recovered	50-59	Male	2020-10-01	Not Reported	Peel Public Health
3	Recovered	20-29	Female	2020-09-17	Close Contact	Halton Region Health Department
4	Recovered	30-39	Female	2020-11-03	Not Reported V	Wellington-Dufferin-Guelph Public Health

SQL for Real:

SELECT * FROM oncovid_dtd WHERE (case_status LIKE 'Recovered') OR (date_reported = '2020-05-29' AND gender IN ('Not Reported', 'Male'))

Resulted in 87498 records

Real

	case_status	age_group	gender	date_reported	exposure	health_region
(• Recovered	40-49	Male	2020-10-30	Travel-Related	Durham Region Health Department
1	Recovered	40-49	Male	2020-11-02	Outbreak	Halton Region Health Department
2	2 Recovered	50-59	Female	2020-08-31	Outbreak	York Region Public Health Services
3	B Recovered	+08	Male	2020-08-11	Travel-Related	Peel Public Health
4	l Recovered	20-29	Male	2020-10-31	Outbreak	Southwestern Public Health
-	Necovereu	20-23	Maie	2020-10-31	Outbreak	Southwestern rubite freatth

SQL for Real:

SELECT * FROM oncovid_dtd WHERE (exposure IN ('Outbreak', 'Travel-Related'))

Resulted in 25543 records

Real

	case_status	age_group	gender	$date_reported$	exposure	health_region
0	Recovered	20-29	Female	2020-03-11	Close Contact	Toronto Public Health
1	Recovered	20-29	Female	2020-03-18	Close Contact	Toronto Public Health
2	Recovered	50-59	Female	2020-03-16	Close Contact	Toronto Public Health
3	Recovered	30-39	Female	2020-03-16	Close Contact	Toronto Public Health
4	Recovered	30-39	Male	2020-03-16	Close Contact	Toronto Public Health

SELECT * FROM oncovid_dtd WHERE (health_region = 'Toronto Public Health') AND ((date_reported BETWEEN '2020-09-04' AND '2020-09-22') OR exposure LIKE 'Close Contact') AND (case_status IN ('Recovered', 'Deceased') AND gender IN ('Not Reported', 'Male', 'Female'))

Resulted in 10133 records

	case_status a	ige_group	gender	date_reported	exposure	health_region
0	Recovered	40-49	Female	2020-10-12	Close Contact	York Region Public Health Services
1	Recovered	<20	Male	2020-10-24	Close Contact	York Region Public Health Services
2	Recovered	20-29	Female	2020-09-17	Close Contact	Halton Region Health Department
3	Recovered	40-49	Female	2020-11-02	Close Contact	Halton Region Health Department
4	Recovered	40-49	Male	2020-10-30	Travel-Related	Durham Region Health Department

SQL for Real: SELECT * FROM oncovid_dtd WHERE (exposure <> 'Not Reported')

Resulted in 61898 records

Real

	case_status a	je_group	gender	date_reported	exposure	health_region
0	Recovered	40-49	Female	2020-10-12	Close Contact	York Region Public Health Services
1	Recovered	20-29	Female	2020-09-17	Close Contact	Halton Region Health Department
2	Recovered	40-49	Female	2020-11-02	Close Contact	Halton Region Health Department
3	Recovered	40-49	Male	2020-10-30	Travel-Related	Durham Region Health Department
4	Recovered	50-59	Female	2020-10-27	Not Reported	Halton Region Health Department

 $\begin{array}{l} \underline{SQL\ for\ Real:} \\ \underline{SELECT*FROM\ oncovid_dtd\ WHERE\ (health_region\ LIKE\ 'Durham\ Region\ Health\ Department')\ OR\ (gender<>'Male'\ AND\ age_group<>'30-39') \\ \end{array}$

Resulted in 42092 records

	Real									
	case_status a	ige_group	gender (date_reported	exposure	health_region				
0	Recovered	40-49	Female	2020-10-12	Close Contact	York Region Public Health Services				
1	Recovered	<20	Male	2020-10-24	Close Contact	York Region Public Health Services				
2	Recovered	50-59	Male	2020-10-01	Not Reported	Peel Public Health				
3	Recovered	20-29	Female	2020-09-17	Close Contact	Halton Region Health Department				
4	Recovered	30-39	Female	2020-11-03	Not Reported	Wellington-Dufferin-Guelph Public Health				

SQL for Real: SELECT * FROM oncovid_dtd WHERE (date_reported <> '2020-04-28') OR (age_group <> '<20' AND health_region LIKE 'York Region Public Health Services')

Resulted in 90587 records

Real

	case_status	age_group	genaer	aate_reportea	exposure	neaitn_region
(Recovered	+08	Male	2020-08-11	Travel-Related	Peel Public Health
1	Recovered	+08	Male	2020-11-04	Close Contact	Halton Region Health Department
2	2 Recovered	+08	Male	2020-10-25	Close Contact	Peel Public Health
3	B Recovered	+08	Male	2020-10-06	Not Reported	Peel Public Health
4	l Recovered	+08	Female	2020-10-14	Not Reported	Peel Public Health

SQL for Real:

SELECT * FROM oncovid_dtd WHERE (age_group LIKE '80+') AND (case_status = 'Recovered' OR date_reported <> '2020-04-08')

Resulted in 8427 records

Real

 $case_status\ age_group\ gender\ date_reported\ exposure\ health_region$

SQL for Real:

SELECT * FROM oncovid_dtd WHERE (age_group = '<20') AND (gender = 'Male' AND date_reported BETWEEN '2020-10-01' AND '2020-05-10') AND (case_status LIKE 'Recovered' AND exposure LIKE 'Close Contact')

Resulted in 0 records

Real

	case_status	age_group	gender (date_reported	exposure	health_region
0	Recovered	40-49	Female	2020-10-12	Close Contact	York Region Public Health Services
1	Recovered	<20	Male	2020-10-24	Close Contact	York Region Public Health Services
2	Recovered	50-59	Male	2020-10-01	Not Reported	Peel Public Health
3	Recovered	20-29	Female	2020-09-17	Close Contact	Halton Region Health Department
4	Recovered	30-39	Female	2020-11-03	Not Reported V	Wellington-Dufferin-Guelph Public Health

SELECT * FROM oncovid_dtd WHERE (date_reported > '2020-09-13') OR (gender IN ('Male', 'Not Reported', 'Female') OR age_group = '60-69')

Resulted in 90980 records

Real

	case_status a	age_grouj	health_region			
0	Recovered	60-69	Female	2020-11-04	Outbreak	Peel Public Health
1	Recovered	60-69	Male	2020-10-25	Outbreak	Southwestern Public Health
2	Recovered	60-69	Male	2020-10-30	Outbreak	Southwestern Public Health
3	Recovered	60-69	Male	2020-11-03	Outbreak	Peel Public Health
4	Recovered	60-69	Female	2020-11-04	Outbreak D	urham Region Health Department

 $\label{eq:sol_sol} \frac{\text{SQL for Real:}}{\text{SELECT * FROM oncovid_dtd WHERE (age_group = '60-69' AND exposure LIKE 'Outbreak')}}$

Resulted in 1972 records

Real

	case_status	age_group	gender	date_reported	exposure	health_region
0	Recovered	30-39	Male	2020-03-09	Travel-Related	Toronto Public Health
1	Recovered	30-39	Female	2020-03-06	Not Reported	Toronto Public Health
2	Recovered	50-59	Male	2020-03-08	Travel-Related	Toronto Public Health
3	Recovered	20-29	Female	2020-03-11	Close Contact	Toronto Public Health
4	Recovered	30-39	Female	2020-03-10	Travel-Related	Toronto Public Health

SQL for Real:

SELECT * FROM oncovid_dtd WHERE (health_region = 'Toronto Public Health')

Resulted in 31613 records

					Real	
	case_status	age_group	gender	date_reported	exposure	health_region
0	Recovered	60-69	Male	2020-09-21	Not Reported	Peel Public Health
1	Recovered	60-69	Female	2020-10-11	Close Contact	Peel Public Health
2	Recovered	60-69	Male	2020-11-12	Close Contact	Wellington-Dufferin-Guelph Public Health
3	Recovered	60-69	Female	2020-08-29	Close Contact	York Region Public Health Services
4	Recovered	60-69	Male	2020-10-03	Not Reported	Windsor-Essex County Health Unit

SQL for Real: SELECT * FROM oncovid_dtd WHERE (age_group = '60-69' AND case_status = 'Recovered')

Resulted in 8274 records

Real _____

	case_status a	ge_grou	gender (l exposure	health_region	
0	Recovered	40-49	Female	2020-10-12	Close Contact	York Region Public Health Services
1	Recovered	<20	Male	2020-10-24	Close Contact	York Region Public Health Services
2	Recovered	50-59	Male	2020-10-01	Not Reported	Peel Public Health
3	Recovered	20-29	Female	2020-09-17	Close Contact	Halton Region Health Department
4	Recovered	30-39	Female	2020-11-03	Not Reported V	Vellington-Dufferin-Guelph Public Health

SOL for Real:
SELECT * FROM oncovid_dtd WHERE (exposure <> 'Close Contact') OR (age_group <> '50-59' AND health_region = 'Halton Region Health Department') OR (gender LIKE 'Male' OR date_reported > '2020-09-15')

Resulted in 82651 records

Real

	case_status a	ge_group	gender	date_reported	exposure	health_region
0	Recovered	<20	Male	2020-10-24	Close Contact	York Region Public Health Services
1	Recovered	50-59	Male	2020-10-01	Not Reported	Peel Public Health
2	Recovered	40-49	Male	2020-10-30	Travel-Related	Durham Region Health Department
3	Recovered	20-29	Male	2020-10-19	Close Contact	York Region Public Health Services
4	Recovered	<20	Male	2020-09-23	Close Contact	Peel Public Health

 $\begin{array}{l} \underline{SOL\ for\ Real:} \\ \underline{SELECT\ *\ FROM\ oncovid_dtd\ WHERE\ (gender\ LIKE\ 'Male')} \end{array}$

Resulted in 43919 records

	case_status a	ge_group	gender o	late_reported	exposure	health_region
0	Recovered	50-59	Male	2020-10-01	Not Reported	Peel Public Health
1	Recovered	50-59	Female	2020-10-27	Not Reported	Halton Region Health Department
2	Recovered	50-59	Male	2020-09-24	Close Contact	Halton Region Health Department
3	Recovered	50-59	Female	2020-08-31	Not Reported	Lambton Public Health
4	Recovered	50-59	Male	2020-11-07	Not Reported	York Region Public Health Services

 $\frac{SQL\ for\ Real:}{SELECT*FROM\ oncovid_dtd\ WHERE\ (age_group\ LIKE\ '50-59')}$

Resulted in 13353 records

Real

	case_status	age_group	gender	date_reported	exposure	health_region
0	Recovered	70-79	Female	2020-11-03	Close Contact	Toronto Public Health
1	Recovered	<20	Female	2020-10-10	Close Contact	Toronto Public Health
2	Recovered	<20	Female	2020-10-31	Not Reported	Toronto Public Health
3	Deceased	+08	Male	2020-10-24	Outbreak	Toronto Public Health
4	Recovered	70-79	Female	2020-10-03	Not Reported	Toronto Public Health

 $\begin{array}{l} \underline{SOL\ for\ Real:} \\ \underline{SELECT\ *\ FROM\ oncovid_dtd\ WHERE\ (health_region\ =\ 'Toronto\ Public\ Health')\ AND\ (date_reported\ >\ '2020-10-01'\ AND\ age_group\ IN\ ('80+',\ '<20',\ '70-79'))} \end{array}$

h - - lab --- -- -- ---

Resulted in 2813 records

	case_status	age_group	l exposure	health_region		
0	Recovered	20-29	Male	2020-10-31	Outbreak	Southwestern Public Health
1	Recovered	20-29	Male	2020-09-24	Outbreak	Southwestern Public Health
2	Recovered	20-29	Male	2020-10-28	Outbreak	Southwestern Public Health
3	Recovered	20-29	Female	2020-11-02	Outbreak	Southwestern Public Health
4	Recovered	20-29	Male	2020-10-29	Outbreak Y	ork Region Public Health Services

Resulted in 2526 records

Real

	case_status	age_group	genaer	date_reported	exposure	nealtn_region
(O Recovered	<20	Male	2020-10-24	Close Contact	York Region Public Health Services
1	1 Recovered	50-59	Male	2020-10-01	Not Reported	Peel Public Health
2	2 Recovered	40-49	Male	2020-10-30	Travel-Related	Durham Region Health Department
3	B Recovered	<20	Male	2020-09-23	Close Contact	Peel Public Health
4	1 Recovered	30-39	Male	2020-10-21	Close Contact	Peel Public Health

Resulted in 39207 records

					Real	
	case_status a	ge_group	gender	date_reported	exposure	health_region
0	Recovered	40-49	Female	2020-10-12	Close Contact	York Region Public Health Services
1	Recovered	20-29	Female	2020-09-17	Close Contact	Halton Region Health Department
2	Recovered	30-39	Female	2020-11-03	Not Reported	Wellington-Dufferin-Guelph Public Health
3	Recovered	40-49	Female	2020-11-02	Close Contact	Halton Region Health Department
4	Recovered	50-59	Female	2020-10-27	Not Reported	Halton Region Health Department

SQL for Real:

SELECT * FROM oncovid_dtd WHERE (gender LIKE 'Female') OR (health_region LIKE 'Toronto Public Health' AND date_reported = '2020-04-24')

Resulted in 46684 records

	redi									
	case_status a	ge_group	gender o	date_reported	exposure	health_region				
0	Recovered	40-49	Female	2020-10-12	Close Contact	York Region Public Health Services				
1	Recovered	<20	Male	2020-10-24	Close Contact	York Region Public Health Services				
2	Recovered	50-59	Male	2020-10-01	Not Reported	Peel Public Health				
3	Recovered	20-29	Female	2020-09-17	Close Contact	Halton Region Health Department				
4	Recovered	30-39	Female	2020-11-03	Not Reported	Wellington-Dufferin-Guelph Public Health				

SELECT * FROM oncovid_dtd WHERE (exposure LIKE 'Close Contact' AND date_reported <= '2020-11-09') OR (case_status = 'Recovered' OR gender <> 'Male') Resulted in 89510 records

Real

	case_status	age_group	gender	date_reported	exposure	health_region
0	Recovered	50-59	Male	2020-10-01	Not Reported	Peel Public Health
1	Recovered	70-79	Male	2020-10-01	Not Reported	York Region Public Health Services
2	Recovered	60-69	Male	2020-09-21	Not Reported	Peel Public Health
3	Recovered	50-59	Male	2020-11-07	Not Reported	York Region Public Health Services
4	Recovered	20-29	Male	2020-09-22	Not Reported	Peel Public Health

SQL for Real

SELECT * FROM oncovid_dtd WHERE (exposure = 'Not Reported' AND gender = 'Male')

Resulted in 15436 records

Real

case_status a	ige_grou	p gender (date_reported	l exposure	health_region
0 Recovered	40-49	Female	2020-10-12	Close Contact	York Region Public Health Services
1 Recovered	20-29	Female	2020-09-17	Close Contact	Halton Region Health Department
2 Recovered	30-39	Female	2020-11-03	Not Reported V	Vellington-Dufferin-Guelph Public Health
3 Recovered	40-49	Female	2020-11-02	Close Contact	Halton Region Health Department
4 Recovered	50-59	Female	2020-10-27	Not Reported	Halton Region Health Department

SQL for Real:

SELECT * FROM oncovid_dtd WHERE (gender = 'Female')

Resulted in 46603 records

Real

	case_status a	ge_group	gender	date_reported	exposure	health_region
0	Recovered	<20	Male	2020-10-24	Close Contact	York Region Public Health Services
1	Recovered	50-59	Male	2020-10-01	Not Reported	Peel Public Health
2	Recovered	40-49	Male	2020-10-30	Travel-Related	Durham Region Health Department
3	Recovered	20-29	Male	2020-10-19	Close Contact	York Region Public Health Services
4	Recovered	<20	Male	2020-09-23	Close Contact	Peel Public Health

SQL for Real:

SELECT * FROM oncovid_dtd WHERE (case_status = 'Recovered') AND (age_group IN ('30-39', '60-69', 'Not Reported', '80+', '70-79', '<20', '20-29', '40-49', '50-59') AND gender <> 'Female')

Resulted in 42749 records

Real

	case_status a	ige_grouj	p gender (date_reported	l exposure	health_region
0	Recovered	40-49	Female	2020-10-12	Close Contact	York Region Public Health Services
1	Recovered	<20	Male	2020-10-24	Close Contact	York Region Public Health Services
2	Recovered	20-29	Female	2020-09-17	Close Contact	Halton Region Health Department
3	Recovered	30-39	Female	2020-11-03	Not Reported V	Vellington-Dufferin-Guelph Public Health
4	Recovered	40-49	Female	2020-11-02	Close Contact	Halton Region Health Department

SQL for Real

SELECT * FROM oncovid_dtd WHERE (gender <> 'Male' OR exposure IN ('Close Contact', 'Outbreak')) AND (health_region <> 'Windsor-Essex County Health Unit' AND case_status LIKE 'Recovered')

Resulted in 68142 records

Real

	case_status	age_group	gender (date_reported	exposure	health_region
0	Recovered	50-59	Male	2020-10-01	Not Reported	Peel Public Health
1	Recovered	40-49	Male	2020-10-30	Travel-Related	Durham Region Health Department
2	Recovered	<20	Female	2020-09-23	Close Contact	Hamilton Public Health Services
3	Recovered	<20	Male	2020-09-23	Close Contact	Peel Public Health
4	Recovered	20-29	Male	2020-11-01	Close Contact	Niagara Region Public Health Department

SQL for Real:

SELECT * FROM oncovid_dtd WHERE (health_region IN ('Huron Perth District Health Unit', 'Kingston, Frontenac and Lennox & Addington Public Health', 'Windsor-Essex County Health Unit', 'Durham Region Health Department', 'Hastings and Prince Edward Counties Health Unit', 'Ottawa Public Health', 'Middlesex-London Health Unit', 'Peterborough Public Health', 'Peel Public Health', 'Lambton Public Health', 'Simcoe Muskoka District Health Unit', 'Eastern Ontario Health Unit', 'Hamilton Public Health Services', 'Niagara Region Public Health Department', 'Sudbury & District Health Unit'))

Resulted in 41303 records

	$case_status$	age_group	gender	date_reported	exposure	health_region
0	Recovered	70-79	Male	2020-03-24	Close Contact	Ottawa Public Health
1	Recovered	50-59	Female	2020-03-18	Not Reported	Ottawa Public Health
2	Recovered	50-59	Male	2020-03-19	Travel-Related	Ottawa Public Health
3	Recovered	60-69	Male	2020-03-08	Close Contact	Ottawa Public Health
4	Recovered	50-59	Male	2020-02-20	Travel-Related	Ottawa Public Health

SOL for Real: SELECT * FROM oncovid_dtd WHERE (health_region = 'Ottawa Public Health')

Resulted in 7795 records

Real

	case_status a	age_group	gender (date_reported	l exposure	health_region
0	Recovered	50-59	Female	2020-08-31	Outbreak	York Region Public Health Services
1	Recovered	40-49	Female	2020-08-19	Outbreak	Eastern Ontario Health Unit
2	Recovered	40-49	Female	2020-08-12	Outbreak	Simcoe Muskoka District Health Unit
3	Recovered	50-59	Female	2020-07-28	Outbreak	Peel Public Health
4	Recovered	40-49	Female	2020-08-14	Outbreak	Southwestern Public Health

SQL for Real: SELECT * FROM oncovid_dtd WHERE (date_reported <= '2020-09-08') AND (exposure LIKE 'Outbreak' AND case_status = 'Recovered')

Resulted in 13918 records

Real

	case_status	age_group	gender	date_reported	exposure	health_region
0	Recovered	<20	Male	2020-10-24	Close Contact	York Region Public Health Services
1	Recovered	50-59	Male	2020-10-01	Not Reported	Peel Public Health
2	Recovered	40-49	Male	2020-10-30	Travel-Related	Durham Region Health Department
3	Recovered	20-29	Male	2020-10-19	Close Contact	York Region Public Health Services
4	Recovered	<20	Male	2020-09-23	Close Contact	Peel Public Health

SOL for Real: SELECT * FROM oncovid_dtd WHERE (gender <> 'Female')

Resulted in 44377 records

Real

	case_status a	ige_grou	p gender o	date_reported	l exposure	health_region
0	Recovered	40-49	Female	2020-10-12	Close Contact	York Region Public Health Services
1	Recovered	<20	Male	2020-10-24	Close Contact	York Region Public Health Services
2	Recovered	50-59	Male	2020-10-01	Not Reported	Peel Public Health
3	Recovered	20-29	Female	2020-09-17	Close Contact	Halton Region Health Department
4	Recovered	30-39	Female	2020-11-03	Not Reported V	Wellington-Dufferin-Guelph Public Health

SQL for Real:

SELECT * FROM oncovid_dtd WHERE (exposure IN ('Outbreak', 'Close Contact', 'Travel-Related', 'Not Reported')) OR (age_group = '20-29' AND gender IN ('Male', 'Not Reported'))

Resulted in 90980 records

Real

	case_status	age_group	gender	$date_reported$	exposure	health_region
0	Recovered	50-59	Male	2020-10-01	Not Reported	Peel Public Health
1	Recovered	30-39	Female	2020-11-03	Not Reported	Wellington-Dufferin-Guelph Public Health
2	Recovered	40-49	Female	2020-11-02	Close Contact	Halton Region Health Department
3	Recovered	40-49	Male	2020-10-30	Travel-Related	Durham Region Health Department
4	Recovered	50-59	Female	2020-10-27	Not Reported	Halton Region Health Department

SELECT * FROM oncovid_dtd WHERE (age_group <> '20-29' AND health_region <> 'York Region Public Health Services')

Resulted in 65272 records

	case_status a	ge_group	gender (date_reported	l exposure	health_region
0	Recovered	20-29	Female	2020-11-02	Outbreak	Southwestern Public Health
1	Recovered	<20	Female	2020-11-05	Outbreak	Southwestern Public Health
2	Recovered	<20	Female	2020-10-22	Outbreak	Southwestern Public Health
3	Recovered	40-49	Female	2020-08-19	Outbreak	Eastern Ontario Health Unit
4	Recovered	50-59	Female	2020-09-24	Outbreak Le	eeds, Grenville and Lanark District Health Unit

SELECT * FROM oncovid_dtd WHERE (case_status IN ('Deceased', 'Recovered') AND health_region IN ('Renfrew County and District Health Unit', 'Hamilton Public Health Services', 'Porcupine Health Unit', 'Eastern Ontario Health Unit', 'Windsor-Essex County Health Unit', 'Algoma Public Health Unit', 'Chatham-Kent Health Unit', 'Northwestern Health Unit', 'Hastings and Prince Edward Counties Health Unit', 'Leeds, Grenville and Lanark District Health Unit', 'Southwestern Public Health', 'Timiskaming Health Unit', 'Region of Waterloo, Public Health', 'Huron Perth District Health Unit', 'North Bay Parry Sound District Health Unit', 'Grey Bruce Health Unit') AND (exposure = 'Outbreak' AND gender LIKE 'Female')

Resulted in 1835 records

Real

	case_status	age_group	gender (date_reported	l exposure	health_region
0	Recovered	70-79	Male	2020-04-01	Not Reported	Wellington-Dufferin-Guelph Public Health
1	Recovered	30-39	Female	2020-03-01	Not Reported	Peel Public Health
2	Recovered	70-79	Female	2020-04-14	Not Reported	Peel Public Health
3	Recovered	40-49	Female	2020-04-15	Close Contact	Peel Public Health
4	Recovered	50-59	Female	2020-04-21	Not Reported	Windsor-Essex County Health Unit

SQL for Real:

SELECT * FROM oncovid_dtd WHERE (date_reported < '2020-05-02') OR (age_group = '60-69' AND gender = 'Female') AND (case_status LIKE 'Deceased' AND health_region = 'Toronto Public Health')

Resulted in 20874 records

Real

	case_status a	ge_group	gender	date_reported	exposure	healtl	h_region	
0	Recovered	20-29	Female	2020-11-09	Close Contact	Simcoe Muskoka	District Health	Unit
1	Recovered	20-29	Male	2020-10-27	Close Contact	Simcoe Muskoka	District Health	Unit
2	Recovered	40-49	Female	2020-10-15	Close Contact	Simcoe Muskoka	District Health	Unit
3	Recovered	20-29	Male	2020-11-07	Close Contact	Simcoe Muskoka	District Health	Unit
4	Recovered	30-39	Female	2020-10-06	Close Contact	Simcoe Muskoka	District Health	Unit

SQL for Real:

SELECT * FROM oncovid_dtd WHERE (date_reported < '2020-05-05') OR (gender <> 'Male' OR age_group = '20-29') AND (case_status = 'Recovered' AND health_region LIKE 'Simcoe Muskoka District Health Unit')

Resulted in 22535 records

Real

	case_status a	ige_group	p gender (date_reported	l exposure	health_region
0	Recovered	40-49	Female	2020-10-12	Close Contact	York Region Public Health Services
1	Recovered	<20	Male	2020-10-24	Close Contact	York Region Public Health Services
2	Recovered	50-59	Male	2020-10-01	Not Reported	Peel Public Health
3	Recovered	20-29	Female	2020-09-17	Close Contact	Halton Region Health Department
4	Recovered	30-39	Female	2020-11-03	Not Reported V	Vellington-Dufferin-Guelph Public Health

SQL for Real:

SELECT * FROM oncovid_dtd WHERE (case_status <> 'Recovered') OR (health_region = 'Peel Public Health' OR gender IN ('Female', 'Male'))
Resulted in 90601 records

Real

	case_status a	.ge_grou	p gender o	late_reported	l exposure	health_region
0	Recovered	40-49	Female	2020-10-12	Close Contact	York Region Public Health Services
1	Recovered	<20	Male	2020-10-24	Close Contact	York Region Public Health Services
2	Recovered	50-59	Male	2020-10-01	Not Reported	Peel Public Health
3	Recovered	20-29	Female	2020-09-17	Close Contact	Halton Region Health Department
4	Recovered	30-39	Female	2020-11-03	Not Reported	Wellington-Dufferin-Guelph Public Health

SQL for Real:

SELECT * FROM oncovid_dtd WHERE (gender IN ('Female', 'Male', 'Not Reported')) OR (health_region IN ('Thunder Bay District Health Unit', 'Brant County Health Unit', 'Southwestern Public Health', 'Chatham-Kent Health Unit', 'Haldimand-Norfolk Health Unit', 'Region of Waterloo, Public Health', 'Porcupine Health Unit', 'Middlesex-London Health Unit', 'Windsor-Essex County Health Unit', 'Sudbury & District Health Unit', 'Wellington-Dufferin-Guelph Public Health', 'Ottawa Public Health', 'Leeds, Grenville and Lanark District Health Unit', 'Renfrew County and District Health Unit', 'Simcoe Muskoka District Health Unit', 'Kingston, Frontenac and Lennox & Addington Public Health', 'Eastern Ontario Health Unit', 'Haliburton, Kawartha, Pine Ridge District Health Unit', 'Timiskaming Health Unit', 'Grey Bruce Health Unit', 'Haliburton, Kawartha, Pine Ridge District Health Unit', 'Grey Bruce Health Unit', 'Haliburton, Kawartha, Pine Ridge District Health Unit', 'Grey Bruce Health Unit', 'Haliburton, Kawartha, Pine Ridge District Health Unit', 'Grey Bruce Health Unit', 'Haliburton, Kawartha, Pine Ridge District Health Unit', 'Grey Bruce Health Unit', 'Haliburton, Kawartha, Pine Ridge District Health Unit', 'Grey Bruce Health Unit', 'Haliburton, Kawartha, Pine Ridge District Health Unit', 'Grey Bruce Health Unit', 'Haliburton, Kawartha, Pine Ridge District Health Unit', 'Grey Bruce Health Unit', 'Haliburton, Kawartha, Pine Ridge District Health Unit', 'Grey Bruce Health Unit', 'Haliburton, Kawartha, Pine Ridge District Health', 'Grey Bruce Health', 'Grey Bruce Health', 'Haliburton, Kawartha, Pine Ridge District Health', 'Grey Bruce Health', 'Grey Bruce Health', 'Haliburton, Kawartha, Pine Ridge District Health', 'Grey Bruce Health', 'Gre

	case_status a	ge_group	gender	date_reported	exposure	health_region
0	Recovered	<20	Male	2020-10-24	Close Contact	York Region Public Health Services
1	Recovered	50-59	Male	2020-10-01	Not Reported	Peel Public Health
2	Recovered	40-49	Male	2020-10-30	Travel-Related	Durham Region Health Department
3	Recovered	20-29	Male	2020-10-19	Close Contact	York Region Public Health Services
4	Recovered	<20	Male	2020-09-23	Close Contact	Peel Public Health

SELECT * FROM oncovid_dtd WHERE (gender = 'Male' OR health_region LIKE 'Durham Region Health Department')

Resulted in 45912 records

Real

	case_status	age_group	gender	date_reported	exposure	health_region
(• Recovered	50-59	Female	2020-08-31	Outbreak	York Region Public Health Services
1	Recovered	20-29	Female	2020-11-02	Outbreak	Southwestern Public Health
2	2 Recovered	<20	Female	2020-11-05	Outbreak	Southwestern Public Health
3	B Recovered	<20	Female	2020-10-22	Outbreak	Southwestern Public Health
4	A Recovered	40-49	Female	2020-08-19	Outbreak	Eastern Ontario Health Unit

SQL for Real:

SELECT * FROM oncovid_dtd WHERE (exposure LIKE 'Outbreak' AND gender = 'Female')

Resulted in 13444 records

Real

					Real	
	case_status a	ge_group	gender (date_reported	exposure	${f health_region}$
0	Recovered	40-49	Female	2020-10-12	Close Contact	York Region Public Health Services
1	Recovered	<20	Male	2020-10-24	Close Contact	York Region Public Health Services
2	Recovered	50-59	Male	2020-10-01	Not Reported	Peel Public Health
3	Recovered	20-29	Female	2020-09-17	Close Contact	Halton Region Health Department
4	Recovered	30-39	Female	2020-11-03	Not Reported	Wellington-Dufferin-Guelph Public Health

SQL for Real:

SELECT * FROM oncovid_dtd WHERE (case_status IN ('Deceased', 'Recovered'))

Resulted in 90980 records

Real

	case_status a	ige_grou	p gender (date_reported	l exposure	health_region
(Recovered	40-49	Female	2020-10-12	Close Contact	York Region Public Health Services
1	Recovered	<20	Male	2020-10-24	Close Contact	York Region Public Health Services
2	2 Recovered	50-59	Male	2020-10-01	Not Reported	Peel Public Health
3	B Recovered	20-29	Female	2020-09-17	Close Contact	Halton Region Health Department
4	Recovered	30-39	Female	2020-11-03	Not Reported V	Vellington-Dufferin-Guelph Public Health

SQL for Real

SELECT * FROM oncovid_dtd WHERE (case_status IN ('Recovered', 'Deceased')) OR (gender <> 'Female' OR age_group LIKE '40-49')

Resulted in 90980 records

Real

	11001									
	case_status a	ge_group	gender o	late_reported	exposure	health_region				
0	Recovered	40-49	Female	2020-10-12	Close Contact	York Region Public Health Services				
1	Recovered	<20	Male	2020-10-24	Close Contact	York Region Public Health Services				
2	Recovered	50-59	Male	2020-10-01	Not Reported	Peel Public Health				
3	Recovered	20-29	Female	2020-09-17	Close Contact	Halton Region Health Department				
4	Recovered	30-39	Female	2020-11-03	Not Reported	Wellington-Dufferin-Guelph Public Health				

SQL for Real:

SELECT * FROM oncovid_dtd WHERE (age_group <> '<20') AND (gender = 'Male' OR date_reported = '2020-10-11') OR (exposure LIKE 'Not Reported' OR case_status = 'Recovered')

Resulted in 89276 records

Real

•	case_status	age_group	gender	date_reported	exposure	health_region
0	Recovered	40-49	Female	2020-10-12	Close Contact	York Region Public Health Services
1	Recovered	40-49	Female	2020-11-02	Close Contact	Halton Region Health Department
2	Recovered	40-49	Female	2020-10-26	Not Reported	York Region Public Health Services
3	Recovered	40-49	Female	2020-11-06	Close Contact	Peel Public Health
4	Recovered	40-49	Female	2020-11-09	Not Reported	Peel Public Health

SQL for Real:

SELECT * FROM oncovid_dtd WHERE (gender <> 'Male') AND (date_reported <= '2020-05-31' OR age_group = '40-49')

Resulted in 21250 records

	case_status a	ige_group	p gender (date_reported	l exposure	health_region
0	Recovered	40-49	Female	2020-10-12	Close Contact	York Region Public Health Services
1	Recovered	<20	Male	2020-10-24	Close Contact	York Region Public Health Services
2	Recovered	50-59	Male	2020-10-01	Not Reported	Peel Public Health
3	Recovered	20-29	Female	2020-09-17	Close Contact	Halton Region Health Department
4	Recovered	30-39	Female	2020-11-03	Not Reported V	Vellington-Dufferin-Guelph Public Health

SQL for Real: SELECT * FROM oncovid_dtd WHERE (date_reported = '2020-11-04' AND gender LIKE 'Female') OR (health_region LIKE 'Toronto Public Health' OR exposure IN ('Close Contact', 'Not Reported'))

Resulted in 74457 records

Real

	case_status a	ige_grou	p gender (date_reported	l exposure	health_region
0	Recovered	40-49	Female	2020-10-12	Close Contact	York Region Public Health Services
1	Recovered	<20	Male	2020-10-24	Close Contact	York Region Public Health Services
2	Recovered	50-59	Male	2020-10-01	Not Reported	Peel Public Health
3	Recovered	30-39	Female	2020-11-03	Not Reported	Wellington-Dufferin-Guelph Public Health
4	Recovered	40-49	Female	2020-11-02	Close Contact	Halton Region Health Department

SQL for Real:

SELECT * FROM oncovid_dtd WHERE (exposure LIKE 'Not Reported' OR age_group <> '20-29')

Resulted in 78869 records

Real

	case_status a	ige_group	gender (date_reported	l exposure	health_region
0	Recovered	40-49	Female	2020-10-12	Close Contact	York Region Public Health Services
1	Recovered	<20	Male	2020-10-24	Close Contact	York Region Public Health Services
2	Recovered	50-59	Male	2020-10-01	Not Reported	Peel Public Health
3	Recovered	20-29	Female	2020-09-17	Close Contact	Halton Region Health Department
4	Recovered	30-39	Female	2020-11-03	Not Reported V	Vellington-Dufferin-Guelph Public Health

SQL for Real:

SELECT * FROM oncovid dtd WHERE (case status = 'Recovered' AND gender IN ('Female', 'Male', 'Not Reported'))

Resulted in 87494 records

Real

	case_status a	ge_grouj	p gender (date_reported	l exposure	health_region
0	Recovered	40-49	Female	2020-10-12	Close Contact	York Region Public Health Services
1	Recovered	<20	Male	2020-10-24	Close Contact	York Region Public Health Services
2	Recovered	50-59	Male	2020-10-01	Not Reported	Peel Public Health
3	Recovered	20-29	Female	2020-09-17	Close Contact	Halton Region Health Department
4	Recovered	30-39	Female	2020-11-03	Not Reported	Wellington-Dufferin-Guelph Public Health

SQL for Real:

SELECT * FROM oncovid dtd WHERE (age group IN ('40-49', '80+') AND health region <> 'Durham Region Health Department') OR (exposure IN ('Not Reported',

'Outbreak', 'Close Contact', 'Travel-Related') OR case_status = 'Recovered')

Real

	case_status a	ge_group	gender	date_reported	exposure	health_region
0	Recovered	40-49	Male	2020-10-30	Travel-Related	Durham Region Health Department
1	Recovered	+08	Male	2020-11-04	Close Contact	Halton Region Health Department
2	Recovered	+08	Male	2020-10-25	Close Contact	Peel Public Health
3	Recovered	+08	Male	2020-11-02	Close Contact	Peel Public Health
4	Recovered	+08	Male	2020-10-26	Close Contact	Peel Public Health

SQL for Real:

SELECT * FROM oncovid_dtd WHERE (exposure LIKE 'Travel-Related' OR age_group LIKE '80+') AND (date_reported > '2020-10-19' AND gender LIKE 'Male')

Resulted in 549 records

	case_status a	ige_group	p gender (date_reported	i exposure	health_region
0	Recovered	40-49	Female	2020-10-12	Close Contact	York Region Public Health Services
1	Recovered	<20	Male	2020-10-24	Close Contact	York Region Public Health Services
2	Recovered	50-59	Male	2020-10-01	Not Reported	Peel Public Health
3	Recovered	20-29	Female	2020-09-17	Close Contact	Halton Region Health Department
4	Recovered	30-39	Female	2020-11-03	Not Reported V	Vellington-Dufferin-Guelph Public Health

SELECT * FROM oncovid_dtd WHERE (gender IN ('Male', 'Female') OR age_group IN ('20-29', '<20')) OR (health_region = 'York Region Public Health Services' OR exposure <> 'Close Contact')

Resulted in 90936 records

Real

	case_status	age_group	gender	date_reported	exposure	health_region
0	Deceased	60-69	Male	2020-10-20	Close Contact	York Region Public Health Services
1	Deceased	70-79	Male	2020-10-19	Close Contact	Peel Public Health
2	Deceased	+08	Male	2020-09-14	Close Contact	Peel Public Health
3	Deceased	60-69	Male	2020-10-19	Not Reported	Peel Public Health
4	Deceased	60-69	Male	2020-08-21	Not Reported	Hamilton Public Health Services

SELECT * FROM oncovid_dtd WHERE (date_reported >= '2020-06-17') AND (age_group LIKE '60-69' OR exposure = 'Close Contact') AND (gender IN ('Not Reported', 'Male') AND case_status <> 'Recovered')

Resulted in 56 records

Real

	case_status	age_group	gender	date_reported	exposure	health_region
0	Recovered	50-59	Male	2020-10-01	Not Reported	Peel Public Health
1	Recovered	30-39	Female	2020-11-03	Not Reported	Wellington-Dufferin-Guelph Public Health
2	Recovered	50-59	Female	2020-10-27	Not Reported	Halton Region Health Department
3	Recovered	30-39	Male	2020-10-21	Close Contact	Peel Public Health
4	Recovered	30-39	Female	2020-10-07	Close Contact	Peel Public Health

Resulted in 65399 records

Real

	case_status	age_group	gender	date_reported	exposure	health_region
0	Recovered	50-59	Male	2020-10-01	Not Reported	Peel Public Health
1	Recovered	70-79	Male	2020-10-01	Not Reported	York Region Public Health Services
2	Recovered	30-39	Male	2020-10-03	Close Contact	Peel Public Health
3	Recovered	<20	Male	2020-10-05	Close Contact	Peel Public Health
4	Recovered	50-59	Male	2020-10-06	Close Contact	Hamilton Public Health Services

SQL for Real: SELECT * FROM oncovid_dtd WHERE (gender <> 'Female' AND case_status IN ('Deceased', 'Recovered')) AND ((date_reported BETWEEN '2020-10-01' AND '2020-10-08') AND health_region <> 'Thunder Bay District Health Unit')

Resulted in 2610 records

Real

	case_status a	ge_grou	gender (date_reported	exposure	health_region
0	Recovered	40-49	Female	2020-10-12	Close Contact	York Region Public Health Services
1	Recovered	<20	Male	2020-10-24	Close Contact	York Region Public Health Services
2	Recovered	50-59	Male	2020-10-01	Not Reported	Peel Public Health
3	Recovered	20-29	Female	2020-09-17	Close Contact	Halton Region Health Department
4	Recovered	30-39	Female	2020-11-03	Not Reported V	Wellington-Dufferin-Guelph Public Health

SQL for Real:

SELECT * FROM oncovid_dtd WHERE (exposure LIKE 'Outbreak') OR (age_group <> '30-39' AND case_status LIKE 'Recovered') OR (health_region LIKE 'Windsor-Essex County Health Unit' OR gender LIKE 'Female')

Resulted in 84765 records

Real

	case_status a	ge_grou	gender (date_reported	l exposure	health_region
0	Recovered	40-49	Female	2020-10-12	Close Contact	York Region Public Health Services
1	Recovered	<20	Male	2020-10-24	Close Contact	York Region Public Health Services
2	Recovered	50-59	Male	2020-10-01	Not Reported	Peel Public Health
3	Recovered	20-29	Female	2020-09-17	Close Contact	Halton Region Health Department
4	Recovered	30-39	Female	2020-11-03	Not Reported	Wellington-Dufferin-Guelph Public Health

SQL for Real:

SELECT * FROM oncovid_dtd WHERE (case_status IN ('Deceased', 'Recovered'))

Resulted in 90980 records

	case_status	age_group	gender (late_reported	exposure	health_region
0	Recovered	<20	Male	2020-10-24	Close Contact	York Region Public Health Services
1	Recovered	20-29	Female	2020-09-17	Close Contact	Halton Region Health Department
2	Recovered	40-49	Male	2020-10-30	Travel-Related	Durham Region Health Department
3	Recovered	20-29	Male	2020-10-19	Close Contact	York Region Public Health Services
4	Recovered	20-29	Male	2020-11-01	Close Contact	Niagara Region Public Health Department

SQL for Real:

SELECT * FROM oncovid_dtd WHERE (health_region <> 'Peel Public Health') AND (gender = 'Male' OR date_reported BETWEEN '2020-04-06' AND '2020-09-21')
Resulted in 53013 records

Real

	case_status a	ge_group	gender o	late_reported	l exposure	health_region
0	Recovered	40-49	Female	2020-10-12	Close Contact	York Region Public Health Services
1	Recovered	<20	Male	2020-10-24	Close Contact	York Region Public Health Services
2	Recovered	50-59	Male	2020-10-01	Not Reported	Peel Public Health
3	Recovered	30-39	Female	2020-11-03	Not Reported '	Wellington-Dufferin-Guelph Public Health
4	Recovered	40-49	Female	2020-11-02	Close Contact	Halton Region Health Department

SQL for Real:

SELECT * FROM oncovid_dtd WHERE (gender LIKE 'Male' OR age_group = '40-49') OR (health_region LIKE 'Peel Public Health' OR exposure = 'Not Reported')
Resulted in 67911 records

Real

	case_status a	ge_group	gender o	late_reported	exposure	health_region
0	Recovered	40-49	Female	2020-10-12	Close Contact	York Region Public Health Services
1	Recovered	<20	Male	2020-10-24	Close Contact	York Region Public Health Services
2	Recovered	50-59	Male	2020-10-01	Not Reported	Peel Public Health
3	Recovered	20-29	Female	2020-09-17	Close Contact	Halton Region Health Department
4	Recovered	30-39	Female	2020-11-03	Not Reported	Wellington-Dufferin-Guelph Public Health

SQL for Real:

SELECT * FROM oncovid_dtd WHERE (age_group LIKE '40-49' AND gender = 'Male') OR (health_region LIKE 'Toronto Public Health' OR case_status = 'Recovered')
Resulted in 89023 records

Real

	case_status	age_group	gender	date_reported	exposure	health_region
0	Recovered	<20	Female	2020-09-23	Close Contact	Hamilton Public Health Services
1	Recovered	50-59	Male	2020-10-06	Close Contact	Hamilton Public Health Services
2	Recovered	20-29	Female	2020-10-21	Close Contact	Hamilton Public Health Services
3	Recovered	20-29	Male	2020-11-10	Close Contact	Hamilton Public Health Services
4	Recovered	50-59	Female	2020-09-22	Not Reported	Hamilton Public Health Services

SQL for Real:

SELECT * FROM oncovid_dtd WHERE (health_region = 'Hamilton Public Health Services')

Resulted in 2365 records

Real

	case_status a	ge_grou	gender (date_reported	l exposure	health_region
0	Recovered	40-49	Female	2020-10-12	Close Contact	York Region Public Health Services
1	Recovered	<20	Male	2020-10-24	Close Contact	York Region Public Health Services
2	Recovered	50-59	Male	2020-10-01	Not Reported	Peel Public Health
3	Recovered	20-29	Female	2020-09-17	Close Contact	Halton Region Health Department
4	Recovered	30-39	Female	2020-11-03	Not Reported V	Vellington-Dufferin-Guelph Public Health

SQL for Real:

SELECT * FROM oncovid_dtd WHERE (case_status LIKE 'Recovered' AND exposure LIKE 'Not Reported') OR (gender <> 'Male' OR age_group IN ('70-79', '<20')) Resulted in 68001 records

Rea

	Redi							
	case_status a	ige_group	gender o	date_reported	exposure	health_region		
0	Recovered	40-49	Female	2020-10-12	Close Contact	York Region Public Health Services		
1	Recovered	<20	Male	2020-10-24	Close Contact	York Region Public Health Services		
2	Recovered	50-59	Male	2020-10-01	Not Reported	Peel Public Health		
3	Recovered	20-29	Female	2020-09-17	Close Contact	Halton Region Health Department		
4	Recovered	30-39	Female	2020-11-03	Not Reported	Wellington-Dufferin-Guelph Public Health		

SELECT * FROM oncovid_dtd WHERE (case_status = 'Recovered') OR (exposure = 'Close Contact' OR gender IN ('Female', 'Male', 'Not Reported')) OR (age_group <> '30-39' OR health_region IN ('Eastern Ontario Health Unit', 'Kingston, Frontenac and Lennox & Addington Public Health', 'Haldimand-Norfolk Health Unit', 'Timiskaming Health Unit', 'York Region Public Health Services', 'Simcoe Muskoka District Health Unit', 'Renfrew County and District Health Unit', 'Peterborough Public Health', 'Chatham-Kent Health Unit', 'Hamilton Public Health Services', 'Windsor-Essex County Health Unit', 'Wellington-Dufferin-Guelph Public Health', 'Porcupine Health Unit', 'Niagara Region Public Health Department', 'Region of Waterloo, Public Health', 'Peel Public Health', 'Middlesex-London Health Unit', 'Brant County Health Unit', 'Algoma Public Health Unit', 'Northwestern Health Unit', 'Thunder Bay District Health Unit', 'Durham Region Health Department', 'Toronto Public Health', 'Southwestern Public Health', 'Sudbury & District Health Unit')

Resulted in 90980 records

Real

	case_status	age_group	gender	date_reported	exposure	health_region
0	Recovered	30-39	Male	2020-03-09	Travel-Related	Toronto Public Health
1	Recovered	30-39	Female	2020-03-06	Not Reported	Toronto Public Health
2	Recovered	50-59	Male	2020-03-08	Travel-Related	Toronto Public Health
3	Recovered	20-29	Female	2020-03-11	Close Contact	Toronto Public Health
4	Recovered	30-39	Female	2020-03-10	Travel-Related	Toronto Public Health

SQL for Real:

SELECT * FROM oncovid dtd WHERE (health region = 'Toronto Public Health')

Resulted in 31613 records

Real

	case_status a	ge_grouj	gender (date_reported	exposure	health_region
0	Recovered	50-59	Male	2020-10-01	Not Reported	Peel Public Health
1	Recovered	20-29	Female	2020-09-17	Close Contact	Halton Region Health Department
2	Recovered	<20	Female	2020-09-23	Close Contact	Hamilton Public Health Services
3	Recovered	<20	Male	2020-09-23	Close Contact	Peel Public Health
4	Recovered	<20	Female	2020-09-30	Close Contact	York Region Public Health Services

SOL for Real:

SELECT * FROM oncovid dtd WHERE (date reported < '2020-10-06')

Resulted in 59892 records

Real

	case_status	age_group	gender	date_reported	exposure	health_region
(• Recovered	40-49	Female	2020-10-12	Close Contact	York Region Public Health Services
1	Recovered	<20	Male	2020-10-24	Close Contact	York Region Public Health Services
2	2 Recovered	20-29	Female	2020-09-17	Close Contact	Halton Region Health Department
3	B Recovered	40-49	Female	2020-11-02	Close Contact	Halton Region Health Department
4	A Recovered	20-29	Male	2020-10-19	Close Contact	York Region Public Health Services

SQL for Real:

SELECT * FROM oncovid_dtd WHERE ((date_reported BETWEEN '2020-07-14' AND '2020-10-01') AND age_group LIKE '30-39') OR (case_status <> 'Recovered' OR exposure LIKE 'Close Contact')

Resulted in 41569 records

Real

	case_status	age_group	gender	date_reported	exposure	health_region
0	Deceased	60-69	Male	2020-09-09	Not Reported	Simcoe Muskoka District Health Unit
1	Deceased	+08	Male	2020-10-30	Not Reported	Simcoe Muskoka District Health Unit
2	Deceased	+08	Male	2020-09-01	Close Contact	Simcoe Muskoka District Health Unit
3	Deceased	+08	Female	2020-11-12	Outbreak	Simcoe Muskoka District Health Unit
4	Deceased	+08	Female	2020-10-10	Outbreak	Simcoe Muskoka District Health Unit

SQL for Real:

SELECT * FROM oncovid_dtd WHERE (date_reported <> '2020-09-30') AND (health_region IN ('Ottawa Public Health', 'Hastings and Prince Edward Counties Health Unit', 'Simcoe Muskoka District Health Unit', 'Kingston, Frontenac and Lennox & Addington Public Health', 'Thunder Bay District Health Unit', 'Haldimand-Norfolk Health Unit') AND case_status <> 'Recovered')

Resulted in 458 records

	case_status	age_grouj	gender (date_reported	exposure	health_region
0	Recovered	40-49	Female	2020-10-12	Close Contact	York Region Public Health Services
1	Recovered	<20	Male	2020-10-24	Close Contact	York Region Public Health Services
2	Recovered	50-59	Male	2020-10-01	Not Reported	Peel Public Health
3	Recovered	20-29	Female	2020-09-17	Close Contact	Halton Region Health Department
4	Recovered	30-39	Female	2020-11-03	Not Reported	Wellington-Dufferin-Guelph Public Health

SELECT * FROM oncovid_dtd WHERE (health_region <> 'Toronto Public Health')

Resulted in 59367 records

Real

	case_status a	ge_group	p gender (date_reported	l exposure	health_region
0	Recovered	40-49	Female	2020-10-12	Close Contact	York Region Public Health Services
1	Recovered	<20	Male	2020-10-24	Close Contact	York Region Public Health Services
2	Recovered	50-59	Male	2020-10-01	Not Reported	Peel Public Health
3	Recovered	20-29	Female	2020-09-17	Close Contact	Halton Region Health Department
4	Recovered	30-39	Female	2020-11-03	Not Reported V	Vellington-Dufferin-Guelph Public Health

SOL for Real

SELECT * FROM oncovid_dtd WHERE (exposure <> 'Close Contact') OR (age_group <> '30-39' OR case_status IN ('Deceased', 'Recovered'))

Resulted in 90980 records

Real

					11041	
	case_status ag	ge_group	gender	date_reported	exposure	health_region
0	Recovered	40-49	Female	2020-10-12	Close Contact	York Region Public Health Services
1	Recovered	20-29	Female	2020-09-17	Close Contact	Halton Region Health Department
2	Recovered	30-39	Female	2020-11-03	Not Reported	Wellington-Dufferin-Guelph Public Health
3	Recovered	40-49	Female	2020-11-02	Close Contact	Halton Region Health Department
4	Recovered	50-59	Female	2020-10-27	Not Reported	Halton Region Health Department

SQL for Real:

SELECT * FROM oncovid_dtd WHERE (date_reported < '2020-04-20') OR (case_status = 'Recovered' AND gender = 'Female')

Resulted in 52352 records

Real

	case_status a	ge_group	gender	$date_reported$	exposure	health_region
0	Recovered	70-79	Male	2020-10-01	Not Reported	York Region Public Health Services
1	Recovered	70-79	Male	2020-10-22	Close Contact	Peel Public Health
2	Recovered	70-79	Female	2020-10-22	Not Reported	Peel Public Health
3	Recovered	70-79	Female	2020-08-17	Not Reported	York Region Public Health Services
4	Recovered	70-79	Female	2020-10-16	Close Contact	Peel Public Health

SQL for Real:

SELECT * FROM oncovid_dtd WHERE (age_group = '70-79')

Resulted in 4832 records

Rea

	case_status a	ge_group	gender (date_reported	exposure	health_region
0	Recovered	40-49	Female	2020-04-15	Close Contact	Peel Public Health
1	Recovered	<20	Female	2020-05-16	Close Contact	Durham Region Health Department
2	Recovered	+08	Male	2020-05-10	Close Contact	Durham Region Health Department
3	Recovered	20-29	Female	2020-03-11	Close Contact	Toronto Public Health
4	Recovered	70-79	Male	2020-03-24	Close Contact	Ottawa Public Health

SQL for Real:

SELECT * FROM oncovid_dtd WHERE (date_reported < '2020-05-18' AND gender IN ('Not Reported', 'Female', 'Male')) AND (exposure = 'Close Contact' AND case_status LIKE 'Recovered')

Resulted in 6706 records

Real

	case_status a	ge_group	p gender (date_reported	l exposure	health_region
0	Recovered	40-49	Female	2020-10-12	Close Contact	York Region Public Health Services
1	Recovered	<20	Male	2020-10-24	Close Contact	York Region Public Health Services
2	Recovered	50-59	Male	2020-10-01	Not Reported	Peel Public Health
3	Recovered	20-29	Female	2020-09-17	Close Contact	Halton Region Health Department
4	Recovered	30-39	Female	2020-11-03	Not Reported	Wellington-Dufferin-Guelph Public Health

SQL for Real:

SELECT * FROM oncovid_dtd WHERE (date_reported = '2020-04-23' OR case_status LIKE 'Recovered')

Resulted in 87559 records

	Real										
	case_status a	ige_group	gender (date_reported	exposure	health_region					
0	Recovered	40-49	Female	2020-10-12	Close Contact	York Region Public Health Services					
1	Recovered	<20	Male	2020-10-24	Close Contact	York Region Public Health Services					
2	Recovered	50-59	Male	2020-10-01	Not Reported	Peel Public Health					
3	Recovered	20-29	Female	2020-09-17	Close Contact	Halton Region Health Department					
4	Recovered	20-29	Male	2020-10-19	Close Contact	York Region Public Health Services					
60	OL for Real:										
_		l oncovid	dtd WHER	E (age group L	JKE '20-29' OB	date reported BETWEEN '2020-09-23' AND '2020-10-28')					
	SELECT * FROM oncovid_dtd WHERE (age_group LIKE '20-29' OR date_reported BETWEEN '2020-09-23' AND '2020-10-28')										
Re	esulted in 4001	9 recoras									
=	=====	====	====	======	=====	==========					

	case_status a	ige_grouj	p gender o	date_reported	l exposure	health_region
0	Recovered	40-49	Female	2020-10-12	Close Contact	York Region Public Health Services
1	Recovered	<20	Male	2020-10-24	Close Contact	York Region Public Health Services
2	Recovered	50-59	Male	2020-10-01	Not Reported	Peel Public Health
3	Recovered	20-29	Female	2020-09-17	Close Contact	Halton Region Health Department
4	Recovered	30-39	Female	2020-11-03	Not Reported	Wellington-Dufferin-Guelph Public Health

SQL for Real: SELECT * FROM oncovid_dtd WHERE (health_region <> 'Toronto Public Health') AND (age_group = '60-69' OR date_reported <> '2020-10-17')

Resulted in 58968 records

Real

	case_status a	ige_group	gender	date_reported	exposure	health_region
0	Recovered	70-79	Male	2020-10-01	Not Reported	York Region Public Health Services
1	Recovered	70-79	Male	2020-10-22	Close Contact	Peel Public Health
2	Recovered	70-79	Female	2020-10-22	Not Reported	Peel Public Health
3	Recovered	70-79	Female	2020-08-17	Not Reported	York Region Public Health Services
4	Recovered	70-79	Female	2020-10-16	Close Contact	Peel Public Health

SOL for Real: SELECT * FROM oncovid_dtd WHERE (age_group LIKE '70-79')

Resulted in 4832 records

Real

	case_status a	ge_group	p gender (date_reported	l exposure	health_region
0	Recovered	40-49	Female	2020-10-12	Close Contact	York Region Public Health Services
1	Recovered	<20	Male	2020-10-24	Close Contact	York Region Public Health Services
2	Recovered	50-59	Male	2020-10-01	Not Reported	Peel Public Health
3	Recovered	20-29	Female	2020-09-17	Close Contact	Halton Region Health Department
4	Recovered	30-39	Female	2020-11-03	Not Reported	Wellington-Dufferin-Guelph Public Health

SOL for Real: SELECT * FROM oncovid_dtd WHERE (health_region LIKE 'Toronto Public Health' OR age_group <> '70-79')

Resulted in 87902 records

Real

	case_status	age_group	gender	date_reported	exposure	health_region	
0	Recovered	20-29	Female	2020-03-16	Close Contact	Hamilton Public Health Ser	rvices
1	Recovered	20-29	Male	2020-03-15	Close Contact	Hamilton Public Health Ser	rvices
2	Recovered	20-29	Female	2020-03-11	Close Contact	Hamilton Public Health Ser	rvices
3	Recovered	20-29	Male	2020-03-30	Close Contact	Hamilton Public Health Ser	rvices
4	Recovered	20-29	Male	2020-03-18	Close Contact	Hamilton Public Health Sei	rvices

SQL for Real:

SELECT * FROM oncovid_dtd WHERE (health_region LIKE 'Hamilton Public Health Services') AND (date_reported < '2020-05-03' AND case_status IN ('Recovered', 'Deceased')) AND (age_group LIKE '20-29' AND exposure LIKE 'Close Contact')

Resulted in 26 records

	case_status a	ge_group	gender	date_reported	exposure	health_region
0	Recovered	<20	Male	2020-10-24	Close Contact	York Region Public Health Services
1	Recovered	50-59	Male	2020-10-01	Not Reported	Peel Public Health
2	Recovered	40-49	Male	2020-10-30	Travel-Related	Durham Region Health Department
3	Recovered	20-29	Male	2020-10-19	Close Contact	York Region Public Health Services
4	Recovered	<20	Male	2020-09-23	Close Contact	Peel Public Health

SELECT * FROM oncovid_dtd WHERE (gender <> 'Female') OR (age_group IN ('60-69', 'Not Reported', '50-59', '70-79') AND exposure <> 'Not Reported') AND (date_reported < '2020-08-14' AND health_region <> 'Ottawa Public Health')

Resulted in 49544 records

Real

	$case_status$	age_group	gender	date_reported	exposure	health_region
0	Recovered	50-59	Female	2020-06-23	Close Contact	Windsor-Essex County Health Unit
1	Recovered	60-69	Female	2020-06-23	Close Contact	Durham Region Health Department
2	Recovered	<20	Female	2020-06-23	Close Contact	Halton Region Health Department
3	Recovered	30-39	Female	2020-06-23	Close Contact	Hamilton Public Health Services
4	Recovered	<20	Female	2020-06-23	Close Contact	Peel Public Health

SQL for Real:

SELECT * FROM oncovid_dtd WHERE (exposure = 'Close Contact') AND (gender LIKE 'Female' AND date_reported = '2020-06-23')

Resulted in 55 records

Real

	case_status a	ge_grou	gender (date_reported	exposure	health_region
0	Recovered	40-49	Female	2020-10-12	Close Contact	York Region Public Health Services
1	Recovered	<20	Male	2020-10-24	Close Contact	York Region Public Health Services
2	Recovered	50-59	Male	2020-10-01	Not Reported	Peel Public Health
3	Recovered	30-39	Female	2020-11-03	Not Reported	Wellington-Dufferin-Guelph Public Health
4	Recovered	40-49	Female	2020-11-02	Close Contact	Halton Region Health Department

SOL for Real

SELECT * FROM oncovid_dtd WHERE (date_reported = '2020-10-24') AND (health_region <> 'Halton Region Health Department' OR exposure = 'Not Reported') OR (gender <> 'Female' OR age_group <> '20-29')

Resulted in 82062 records

Real

	case_status a	ge_group	gender	date_reported	exposure	health_region
0	Recovered	40-49	Female	2020-10-12	Close Contact	York Region Public Health Services
1	Recovered	<20	Male	2020-10-24	Close Contact	York Region Public Health Services
2	Recovered	20-29	Female	2020-09-17	Close Contact	Halton Region Health Department
3	Recovered	40-49	Female	2020-11-02	Close Contact	Halton Region Health Department
4	Recovered	40-49	Male	2020-10-30	Travel-Related	Durham Region Health Department

SQL for Real:

SELECT * FROM oncovid_dtd WHERE (exposure <> 'Not Reported')

Resulted in 61898 records

Real

	case_status a	ige_grou	p gender (date_reported	l exposure	health_region
0	Recovered	40-49	Female	2020-10-12	Close Contact	York Region Public Health Services
1	Recovered	<20	Male	2020-10-24	Close Contact	York Region Public Health Services
2	Recovered	50-59	Male	2020-10-01	Not Reported	Peel Public Health
3	Recovered	20-29	Female	2020-09-17	Close Contact	Halton Region Health Department
4	Recovered	30-39	Female	2020-11-03	Not Reported V	Wellington-Dufferin-Guelph Public Health

SQL for Real:

SELECT * FROM oncovid_dtd WHERE (gender IN ('Male', 'Not Reported')) OR (exposure LIKE 'Close Contact' AND health_region <> 'Simcoe Muskoka District Health Unit') OR (case_status LIKE 'Recovered' OR date_reported <> '2020-10-27')

Resulted in 90971 records

Real

	case_status	age_group	gender	date_reported	exposure	$health_region$
0	Recovered	30-39	Male	2020-03-09	Travel-Related	Toronto Public Health
1	Recovered	30-39	Female	2020-03-06	Not Reported	Toronto Public Health
2	Recovered	50-59	Male	2020-03-08	Travel-Related	Toronto Public Health
3	Recovered	20-29	Female	2020-03-11	Close Contact	Toronto Public Health
4	Recovered	30-39	Female	2020-03-10	Travel-Related	Toronto Public Health

SQL for Real:

SELECT * FROM oncovid_dtd WHERE (health_region = 'Toronto Public Health')

Resulted in 31613 records

	case_status a	ge_group	gender	date_reported	exposure	health_region
0	Recovered	40-49	Female	2020-10-12	Close Contact	York Region Public Health Services
1	Recovered	40-49	Female	2020-11-02	Close Contact	Halton Region Health Department
2	Recovered	40-49	Male	2020-10-30	Travel-Related	Durham Region Health Department
3	Recovered	40-49	Male	2020-11-02	Outbreak	Halton Region Health Department
4	Recovered	40-49	Male	2020-09-23	Close Contact	Durham Region Health Department

SQL for Real: SELECT * FROM oncovid_dtd WHERE (age_group = '40-49')

Resulted in 12553 records

Real

	case_status a	ige_grouj	p gender o	date_reported	l exposure	health_region
0	Recovered	40-49	Female	2020-10-12	Close Contact	York Region Public Health Services
1	Recovered	<20	Male	2020-10-24	Close Contact	York Region Public Health Services
2	Recovered	50-59	Male	2020-10-01	Not Reported	Peel Public Health
3	Recovered	20-29	Female	2020-09-17	Close Contact	Halton Region Health Department
4	Recovered	30-39	Female	2020-11-03	Not Reported	Wellington-Dufferin-Guelph Public Health

SQL for Real: SELECT * FROM oncovid_dtd WHERE (case_status LIKE 'Recovered') AND (date_reported < '2020-09-09' OR gender IN ('Female', 'Not Reported', 'Male'))

Resulted in 87494 records

case_status age_group gender date_reported exposure health_region

SQL for Real:

SELECT * FROM oncovid_dtd WHERE (date_reported BETWEEN '2020-10-18' AND '2020-09-07')

Resulted in 0 records

Real

	case_status a	ge_grou	p gender (date_reported	exposure	health_region
0	Recovered	40-49	Female	2020-10-12	Close Contact	York Region Public Health Services
1	Recovered	<20	Male	2020-10-24	Close Contact	York Region Public Health Services
2	Recovered	50-59	Male	2020-10-01	Not Reported	Peel Public Health
3	Recovered	20-29	Female	2020-09-17	Close Contact	Halton Region Health Department
4	Recovered	30-39	Female	2020-11-03	Not Reported	Wellington-Dufferin-Guelph Public Health

SQL for Real:

SCLECT * FROM oncovid_dtd WHERE (health_region IN ('Eastern Ontario Health Unit', 'Halton Region Health Department', 'Algoma Public Health Unit', 'Leeds, Grenville and Lanark District Health Unit', 'Thunder Bay District Health Unit', 'Simcoe Muskoka District Health Unit', 'Huron Perth District Health Unit', 'Wellington-Dufferin-Guelph Public Health', 'Southwestern Public Health', 'Sudbury & District Health Unit', 'Hastings and Prince Edward Counties Health Unit', 'Kingston, Frontenac and Lennox & Addington Public Health', 'Hamilton Public Health Services', 'Northwestern Health Unit', 'York Region Public Health Services', 'Niagara Region Public Health Department', 'Toronto Public Health', 'Haldimand-Norfolk Health Unit', 'Brant County Health Unit', 'Renfrew County and District Health Unit') OR gender IN ('Not Reported', 'Male', 'Female'))

health region

Resulted in 90980 records

Real

	case_status ag	ge_group	gender d	late_reported	exposure	health_region
0	Recovered	40-49	Female	2020-10-12	Close Contact	York Region Public Health Services
1	Recovered	<20	Male	2020-10-24	Close Contact	York Region Public Health Services
2	Recovered	20-29	Female	2020-09-17	Close Contact	Halton Region Health Department
3	Recovered	40-49	Female	2020-11-02	Close Contact	Halton Region Health Department
4	Recovered	<20	Female	2020-09-23	Close Contact	Hamilton Public Health Services

SOL for Real:

SELECT * FROM oncovid_dtd WHERE (exposure LIKE 'Close Contact') AND (date_reported <> '2020-10-19' OR health_region = 'Toronto Public Health')

Resulted in 36003 records

Real case status are group gender date reported exposure

	case_status a	ւցե_ցւսսլ	y genuer i	uate_reported	exposure	nearth_region
0	Recovered	40-49	Female	2020-10-12	Close Contact	York Region Public Health Services
1	Recovered	<20	Male	2020-10-24	Close Contact	York Region Public Health Services
2	Recovered	50-59	Male	2020-10-01	Not Reported	Peel Public Health
3	Recovered	20-29	Female	2020-09-17	Close Contact	Halton Region Health Department
4	Recovered	30-39	Female	2020-11-03	Not Reported V	Wellington-Dufferin-Guelph Public Health

SELECT * FROM oncovid_dtd WHERE (gender = 'Female' OR age_group IN ('20-29', '<20', 'Not Reported', '40-49', '30-39', '70-79', '50-59', '60-69', '80+'))

Real

	case_status a	ge_grou	p gender (date_reported	exposure	health_region
0	Recovered	40-49	Female	2020-10-12	Close Contact	York Region Public Health Services
1	Recovered	<20	Male	2020-10-24	Close Contact	York Region Public Health Services
2	Recovered	50-59	Male	2020-10-01	Not Reported	Peel Public Health
3	Recovered	20-29	Female	2020-09-17	Close Contact	Halton Region Health Department
4	Recovered	30-39	Female	2020-11-03	Not Reported V	Wellington-Dufferin-Guelph Public Health

SQL for Real:

SELECT * FROM oncovid_dtd WHERE (case_status LIKE 'Recovered' OR exposure IN ('Travel-Related', 'Close Contact', 'Outbreak', 'Not Reported'))

Resulted in 90980 records

Real

case_status	age_group	gender	date_reported	exposure	health_region
0 Recovered	40-49	Female	2020-10-12	Close Contact	York Region Public Health Services
1 Recovered	<20	Male	2020-10-24	Close Contact	York Region Public Health Services
2 Recovered	20-29	Female	2020-09-17	Close Contact	Halton Region Health Department
3 Recovered	40-49	Female	2020-11-02	Close Contact	Halton Region Health Department
4 Recovered	20-29	Male	2020-10-19	Close Contact	York Region Public Health Services

SQL for Real:

SELECT * FROM oncovid_dtd WHERE (exposure LIKE 'Close Contact')

Resulted in 36355 records

Real

	case_status a	ige_group	gender	date_reported	exposure	health_region
0	Recovered	30-39	Female	2020-11-03	Not Reported	Wellington-Dufferin-Guelph Public Health
1	Recovered	40-49	Male	2020-10-30	Travel-Related	Durham Region Health Department
2	Recovered	<20	Female	2020-10-29	Not Reported	Peel Public Health
3	Recovered	70-79	Male	2020-10-01	Not Reported	York Region Public Health Services
4	Recovered	60-69	Male	2020-09-21	Not Reported	Peel Public Health

SQL for Real:

SELECT * FROM oncovid_dtd WHERE (date_reported <> '2020-11-01' AND age_group IN ('30-39', '<20', '70-79', '60-69', '40-49', '80+')) AND (case_status IN ('Deceased', 'Recovered') AND exposure <> 'Close Contact')

Resulted in 36163 records

Rea

	case_status a	ige_grouj	gender (date_reported	l exposure	health_region
0	Recovered	40-49	Female	2020-10-12	Close Contact	York Region Public Health Services
1	Recovered	<20	Male	2020-10-24	Close Contact	York Region Public Health Services
2	Recovered	50-59	Male	2020-10-01	Not Reported	Peel Public Health
3	Recovered	20-29	Female	2020-09-17	Close Contact	Halton Region Health Department
4	Recovered	30-39	Female	2020-11-03	Not Reported	Wellington-Dufferin-Guelph Public Health

SQL for Real:

SELECT * FROM oncovid_dtd WHERE (date_reported = '2020-10-25') OR (case_status = 'Recovered' OR health_region = 'Porcupine Health Unit')

Resulted in 87511 records

Real

	case_status	age_group	gender	date_reported	exposure	health_region
0	Recovered	40-49	Female	2020-10-12	Close Contact	York Region Public Health Services
1	Recovered	20-29	Female	2020-09-17	Close Contact	Halton Region Health Department
2	Recovered	30-39	Female	2020-11-03	Not Reported	Wellington-Dufferin-Guelph Public Health
3	Recovered	40-49	Female	2020-11-02	Close Contact	Halton Region Health Department
4	Recovered	50-59	Female	2020-10-27	Not Reported	Halton Region Health Department

SQL for Real:

SELECT * FROM oncovid_dtd WHERE (case_status = 'Recovered' AND gender = 'Female')

Resulted in 44745 records

	reur										
	case_status a	ge_group	gender o	date_reported	l exposure	${f health_region}$					
0	Recovered	40-49	Female	2020-10-12	Close Contact	York Region Public Health Services					
1	Recovered	<20	Male	2020-10-24	Close Contact	York Region Public Health Services					
2	Recovered	50-59	Male	2020-10-01	Not Reported	Peel Public Health					
3	Recovered	20-29	Female	2020-09-17	Close Contact	Halton Region Health Department					
4	Recovered	30-39	Female	2020-11-03	Not Reported	Wellington-Dufferin-Guelph Public Health					

SQL for Real:
SELECT * FROM oncovid_dtd WHERE (date_reported BETWEEN '2020-10-12' AND '2020-09-20') OR (age_group IN ('60-69', '50-59', 'Not Reported') AND case_status IN ('Recovered', 'Deceased')) OR (gender = 'Female' OR exposure IN ('Not Reported', 'Close Contact', 'Travel-Related', 'Outbreak'))

					Real	
	case_status	age_group	gender	date_reported	exposure	health_region
0	Recovered	<20	Male	2020-10-24	Close Contact	York Region Public Health Services
1	Recovered	40-49	Male	2020-10-30	Travel-Related	Durham Region Health Department
2	Recovered	20-29	Male	2020-10-19	Close Contact	York Region Public Health Services
3	Recovered	20-29	Male	2020-11-01	Close Contact	Niagara Region Public Health Department
4	Recovered	70-79	Male	2020-10-01	Not Reported	York Region Public Health Services

SQL for Real:

SELECT * FROM oncovid_dtd WHERE (health_region IN ('Middlesex-London Health Unit', 'Huron Perth District Health Unit', 'Wellington-Dufferin-Guelph Public Health', 'Thunder Bay District Health Unit', 'Ottawa Public Health', 'Renfrew County and District Health Unit', 'Hastings and Prince Edward Counties Health Unit', 'Niagara Region Public Health Department', 'Windsor-Essex County Health Unit', 'Porcupine Health Unit', 'Algoma Public Health Unit', 'Eastern Ontario Health Unit', 'Kingston, Frontenac and Lennox & Addington Public Health, 'North Bay Parry Sound District Health Unit', 'Durham Region Health Department', York Region Public Health Services', 'Hamilton Public Health Services', 'Southwestern Public Health', 'Region of Waterloo, Public Health', 'Grey Bruce Health Unit', 'Sudbury & District Health Unit', 'Northwestern Health Unit', 'Haldimand-Norfolk Health Unit', 'AND gender LIKE 'Male')

Resulted in 16793 records
