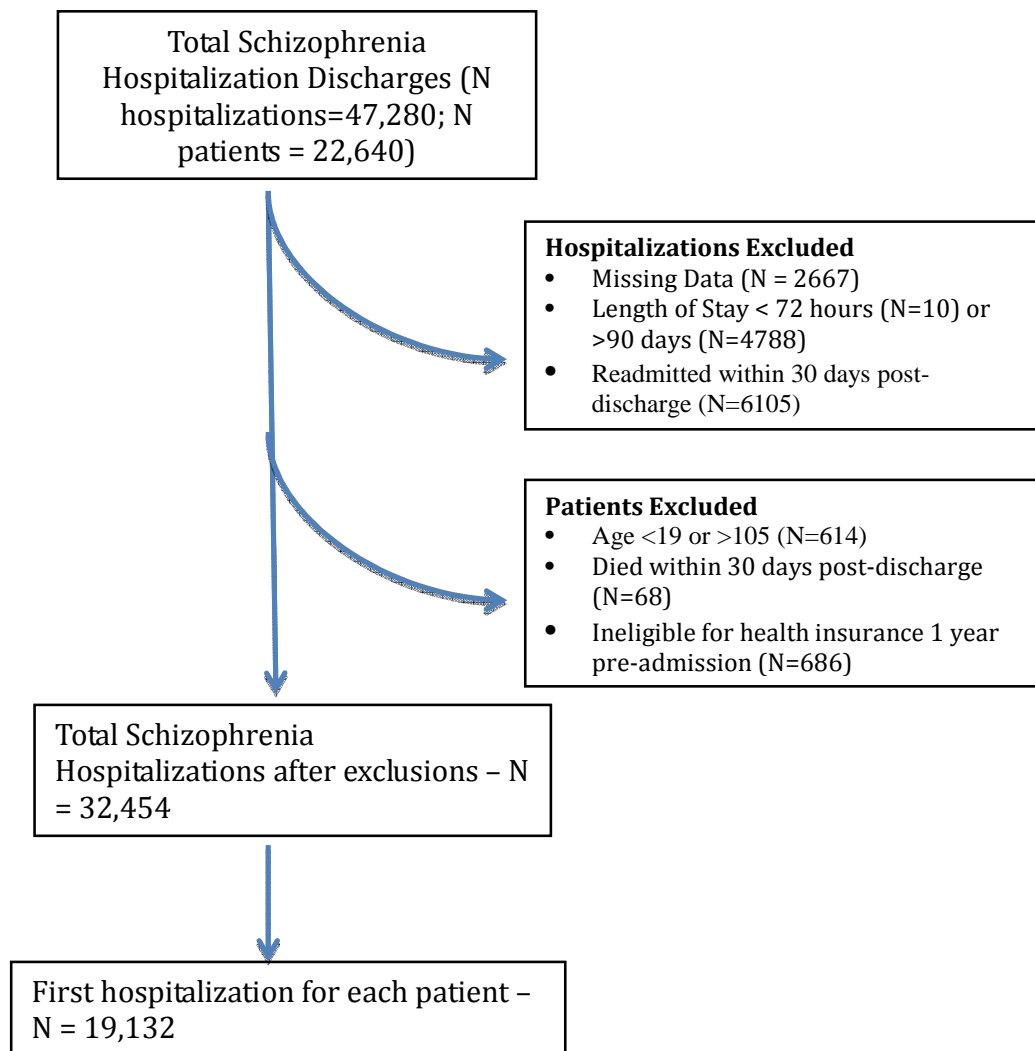


### Appendix Figure 1: Cohort Creation Flow Chart



**Appendix Table 1: Baseline Characteristics Comparing Included Individuals Discharged with a Diagnosis of Schizophrenia\* versus those excluded.**

Follow-up group	Excluded (N=3,508)		Included (N=19,132)		Total (N=22,640)	
	N	%	N	%	N	%
<b>READMIT Score at Discharge, mean (SD)</b>	18.69	4.55	20.34	4.20	20.08	4.30
<b>READMIT Risk Tertiles,</b>						
<i>Low Readmission Risk (0-14)</i>	619	18	1,495	8	2,114	9
<i>Medium Readmission Risk (15-18)</i>	1,113	32	4,991	26	6,104	27
<i>High Readmission Risk (19 and over)</i>	1,775	51	12,646	66	14,421	64
<b>Sociodemographics</b>						
<i>Female sex,</i>	1,284	37	7,775	41	9,059	40
<i>Age:</i>						
≤18	342	10	0	0	342	2
19 to 39	1,441	41	8,992	47	10,433	46
40 to 64	1,393	40	9,027	47	10,420	46
≥ 65	332	9	1,113	6	1,445	6
<i>Neighbourhood Income Quintile (Q), Q1 or Q2 (lowest)</i>	1,196	34	7,206	38	8,402	37
<i>Urban Residence</i>	3178	91	18,051	94	21,229	94
<b>Health care utilization prior to admission</b>						
<i>Any primary care visit within 6 months</i>	2,113	60	12,968	68	15,081	66
<i>Primary Care - Mental Health</i>	1,311	37	7,945	42	9,256	41
<i>Primary Care - Non-mental Health</i>	1,673	48	10,392	54	12,065	53
<i>Any psychiatrist visit within 6 months</i>	1,681	48	10,606	55	12,287	54
<i>Any emergency department visit within 12 months</i>	2,097	60	12,576	66	14,673	65
<i>Any psychiatric hospitalization within 12 months</i>	871	25	5,530	29	6,401	28

**Johns Hopkins cADGs**

<i>Number of cADGs, mean (SD)</i>	2.72	1.91	3.08	1.79	3.02	1.82
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**Index hospitalization variables**

<i>Index Hospitalization LOS, median in days (IQR)</i>	80	16-178	18	11-32	20	11-39
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<i>GAF Score at discharge, mean (SD)</i>	50.66	15.51	54.44	12.94	53.86	13.44
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*Symptom severity and psychosocial function at discharge*

Aggressive Behaviour Scale						
0	2,652	77	15,753	82	18,405	82
1	201	6	784	4	985	4
2	230	7	1,141	6	1,371	6
3+	374	11	1,454	8	1,828	8
Cognitive Performance Scale (higher=worse)						
0	2,119	62	12,611	66	14,730	65
1	715	21	4,108	22	4,823	21
2	316	9	1,676	9	1,992	9
3+	273	8	737	4	1,010	5
Depression Rating Scale (higher=worse)						
0	1,772	50	11,138	58	12,860	57
1	539	16	2,721	14	3,260	14
2	467	14	2,500	13	2,967	13
3+	726	21	2,773	15	3,499	16
Total # positive symptoms						
0	1,801	52	10,123	53	11,924	53
1	655	19	3,927	21	4,582	20
2	616	18	3,054	16	3,670	16
3+	382	11	2,028	11	2,410	11
Total # negative symptoms						
0	2,253	65	12,270	64	14,523	64
1	477	14	2,957	16	3,434	15

2	268	8	1,544	8	1,812	8
3+	456	13	2,361	12	2,817	12
CAGE scale						
0	2,996	87	16,653	7	19,649	87
1	168	5	878	5	1,046	5
2	161	5	857	5	1,018	5
3+	109	3	744	4	853	4
Suicidal behaviours	662	19	4,763	25	5,425	24
Activity of Daily Living Scale (higher=worse)						
0	2,955	85	17,538	92	20,493	91
1	211	6	791	4	1,002	4
2	131	4	406	2	537	2
3+	163	5	397	2	560	3

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**Appendix Table 2: Baseline Characteristics of Individuals Readmitted in the 30 Days Preceding Index admission versus Individuals without readmission.**

Follow-up group	Readmitted in 30 (N=1,559)		No Readmission (N=17,573)		Total (N=19,132)	
	N	%	N	%	N	%
<b>READMIT Score at Discharge, mean (SD)</b>	22.43	4.13	20.15	4.16	20.34	4.20
<b>READMIT Risk Tertiles,</b>						
<i>Low Readmission Risk (0-14)</i>	38	2	1,457	8	1,495	8
<i>Medium Readmission Risk (15-18)</i>	233	145	4,758	27	4,991	26
<i>High Readmission Risk (19 and over)</i>	1,288	83	11,358	65	12,646	66
<b>Sociodemographics</b>						
<i>Female sex,</i>	594	38	7,181	41	7,775	41
<i>Age:</i>						
19 to 39	812	52	8,180	47	8,992	47
40 to 64	678	44	8,349	48	9,027	47
≥ 65	69	4	1,044	6	1,113	6
<i>Neighbourhood Income Quintile (Q), Q1 or Q2 (lowest)</i>	609	39	6,597	38	7,206	38
<i>Urban Residence</i>	1,474	95	16,577	94	18,051	94
<b>Health care utilization prior to admission</b>						
<i>Any primary care visit within 6 months</i>	1,048	67	11,920	68	12,968	68
<i>Primary Care - Mental Health</i>	674	43	7,271	41	7,945	42
<i>Primary Care - Non-mental Health</i>	820	53	9,572	55	10,392	54
<i>Any psychiatrist visit within 6 months</i>	1,197	77	9,409	54	10,606	55
<i>Any emergency department visit within 12 months</i>	1,480	95	11,096	63	12,576	66
<i>Any psychiatric hospitalization within 12 months</i>	1,552	100	2,441	14	3,993	21

**Johns Hopkins cADGs**

<i>Number of cADGs, mean (SD)</i>	3.16	1.73	3.07	1.80	3.08	1.79
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**Index hospitalization variables**

<i>Index Hospitalization LOS, median in days (IQR)</i>	20	12-37	18	11-32	18	11-32
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<i>GAF Score at discharge, mean (SD)</i>	53.70	12.29	54.51	13.00	54.44	12.94
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*Symptom severity and psychosocial function at discharge*

## Aggressive Behaviour Scale

0	1,216	78	14,537	83	15,753	82
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1	74	5	710	4	784	4
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2	121	8	1,020	6	1,141	6
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3+	148	10	1,306	7	1,454	8
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## Cognitive Performance Scale (higher=worse)

0	985	63	11,626	66	12,611	66
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1	375	24	3,733	21	4,108	22
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2	142	9	1,534	9	1,676	9
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3+	57	4	680	4	737	4
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## Depression Rating Scale (higher=worse)

0	933	60	10,205	58	11,138	58
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1	214	14	2,507	14	2,721	14
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2	208	13	2,292	13	2,500	13
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3+	204	13	2,569	15	2,773	15
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## Total # positive symptoms

0	821	53	9,302	53	10,123	53
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1	320	21	3,607	21	3,927	21
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2	257	17	2,797	16	3,054	16
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3+	161	10	1,867	11	2,028	11
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## Total # negative symptoms

0	1,012	65	11,258	64	12,270	64
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1	236	15	2,721	16	2,957	16
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2	127	8	1,417	8	1,544	8
3+	184	12	2,177	12	2,361	12
CAGE scale						
0	1,343	86	15,310	87	16,653	87
1	71	5	807	5	878	5
2	79	5	778	4	857	55
3+	66	4	678	4	744	4
Suicidal behaviours, N (%)	395	25	4,368	25	4,763	25
Activity of Daily Living Scale (higher=worse)						
0	1,405	90	16,133	92	17,538	92
1	79	5	712	4	791	4
2	29	2	377	2	406	2
3+	46	3	351	2	397	2

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