TARCC Participants Overall Statistics
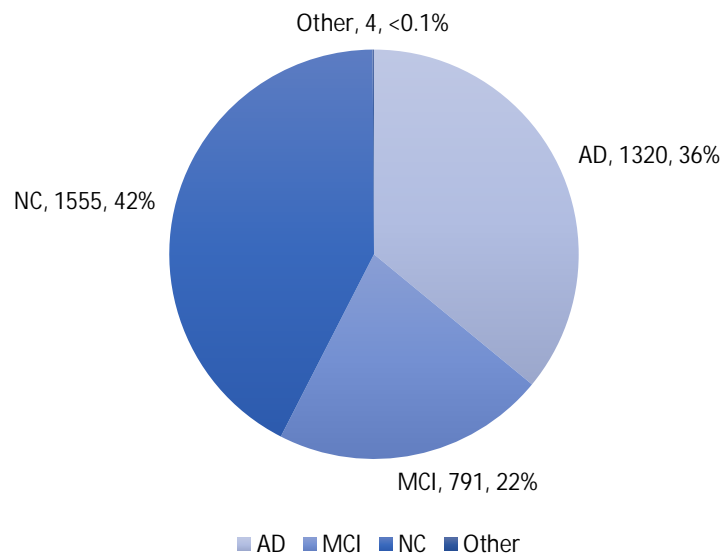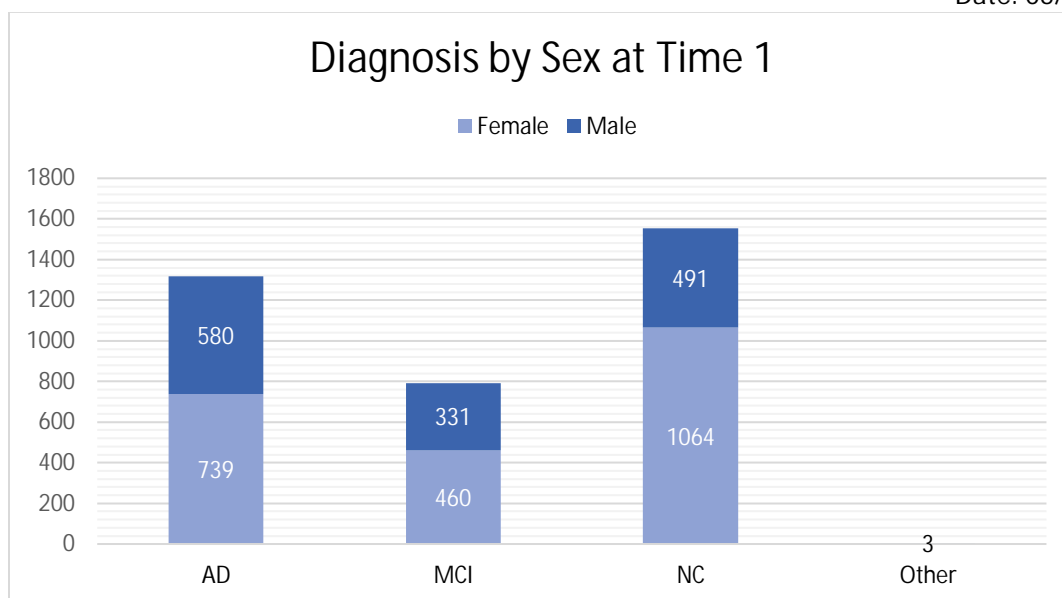
Number of Participants by Diagnosis at Time 1	
Diagnosis	N
AD	1,320
MCI	791
NC	1,555
Other	4
Total	3,670

*AD = Alzheimer's Disease
*MCI = Mild Cognitive Impairment
*NC = Normal Control

Number of Participants by Diagnosis at Time 1

Other, 4, <0.1%
AD, 1320, 36%
NC, 1555, 42%
MCI, 791, 22%

AD MCI NC Other

Diagnosis by Sex at Time 1

■ Female ■ Male

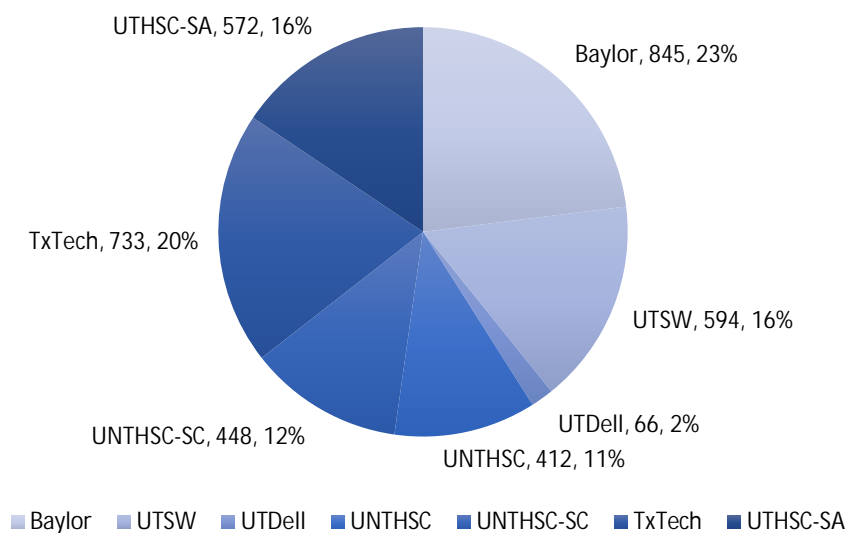| AD	MCI	NC	Other
Female: 739, Male: 580	Female: 460, Male: 331	Female: 1064, Male: 491	3

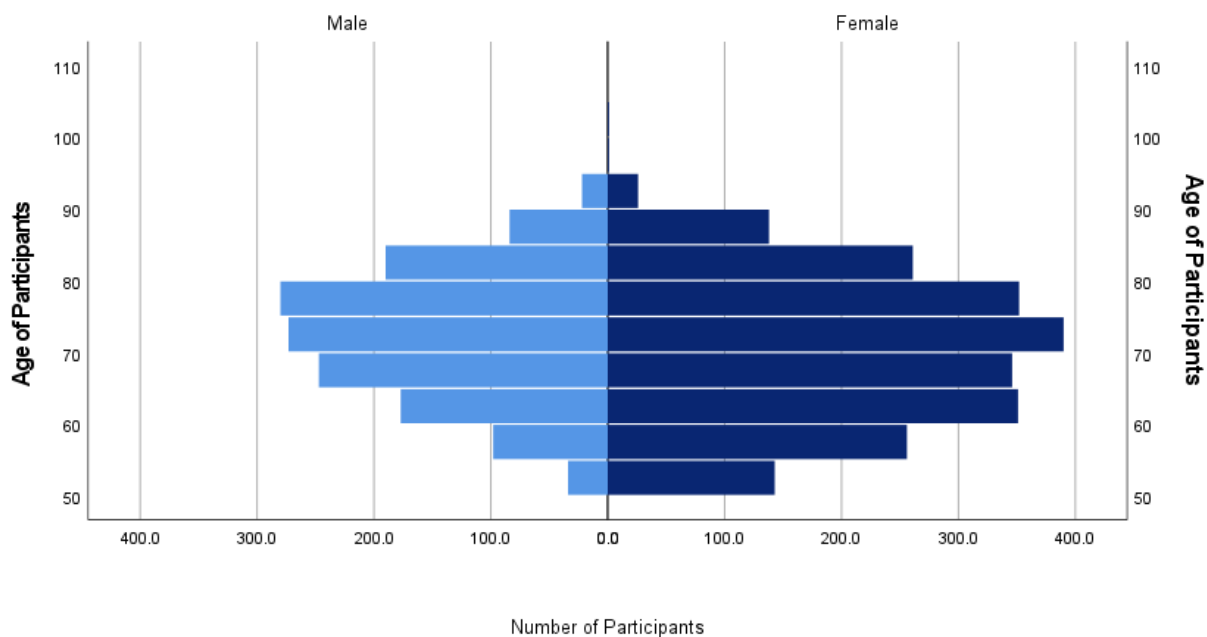| Number of Participants by Diagnosis and Sex at Time 1			
Diagnosis	Female	Male	Total
AD	740	580	1,320
MCI	460	331	791
NC	1,064	491	1,555
Other	1	3	4
Total	2,265	1,405	3,670
*AD = Alzheimer's Disease *MCI = Mild Cognitive Impairment *NC = Normal Control			

Number of Participants by Site at Time 1		
Site	N	%
Baylor	845	23%
UTSW	594	16%
UTDell	66	2%
UNTHSC	412	11%
UNTHSC-SC	448	12%
TxTech	733	20
UTHSC-SA	572	16%
Total	3,670	100%

Number of Participants by Site at Time 1

Population Pyramid of TARCC Participants at Time 1

Number of Participants

Number of Visits Completed by Participants													
Visit 1	Visit 2	Visit 3	Visit 4	Visit 5	Visit 6	Visit 7	Visit 8	Visit 9	Visit 10	Visit 11	Visit 12	Visit 13	Total
3670	2863	2309	1791	1411	1033	681	414	239	142	80	21	1	14,655
100%	78%	63%	49%	38%	28%	19%	11%	7%	4%	2%	1%	<0.1%	

*The numbers above display the number of participants that completed that visit
*The total number of visit datapoints is 14,655
*3,670 unique participants comprise the 14,655 datapoints

Participant Age by Diagnosis									
	AD		MCI		NC		Other		
	N	%	N	%	N	%	N	%	Total
Age (y)									
50-64	154	11.7%	176	22.2%	728	46.8%	1	25.0%	1,059
65-84	985	74.6%	563	71.2%	788	50.7%	3	75.0%	2,339
85-102	181	13.7%	52	6.6%	39	2.5%	0	0.0%	272
Total	1,320		791		1,555		4		3,670
Mean(SD)	75(8)		71(9)		66(9)		71(6)		71(10)
Range	50-102		50-94		50-93		62-76		50-102

*AD = Alzheimer's Disease
*MCI = Mild Cognitive Impairment
*NC = Normal Control

Participant Education by Diagnosis									
	AD		MCI		NC		Other		
	N	%	N	%	N	%	N	%	Total
Education (y)									
<=12	480	36.4%	376	47.5%	668	43.0%	1	25.0%	1,525
13-16	570	43.2%	282	35.7%	571	36.7%	2	50.0%	1,425
>=17	270	20.4%	133	16.8%	316	20.3%	1	25.0%	720
Total	1,320		791		1,555		4		3,670
Mean(SD)	14(4)		13(4)		13(5)		14(4)		13(4)
Range	0-23		0-20		0-23		9-18		0-23

*AD = Alzheimer's Disease
*MCI = Mild Cognitive Impairment
*NC = Normal Control

New TARCC Instruments/Variables as of 2022

*TARCC Database added the following instruments/variables:

- RBM (Rule Based Medicine – Luminex bead-based platform)
  - o 123 Total Variables
- APOE
  - o 4 Variables
- GWAS
  - o 1 Variable
- Quanterix (Form Q1)
  - o 8 Variables

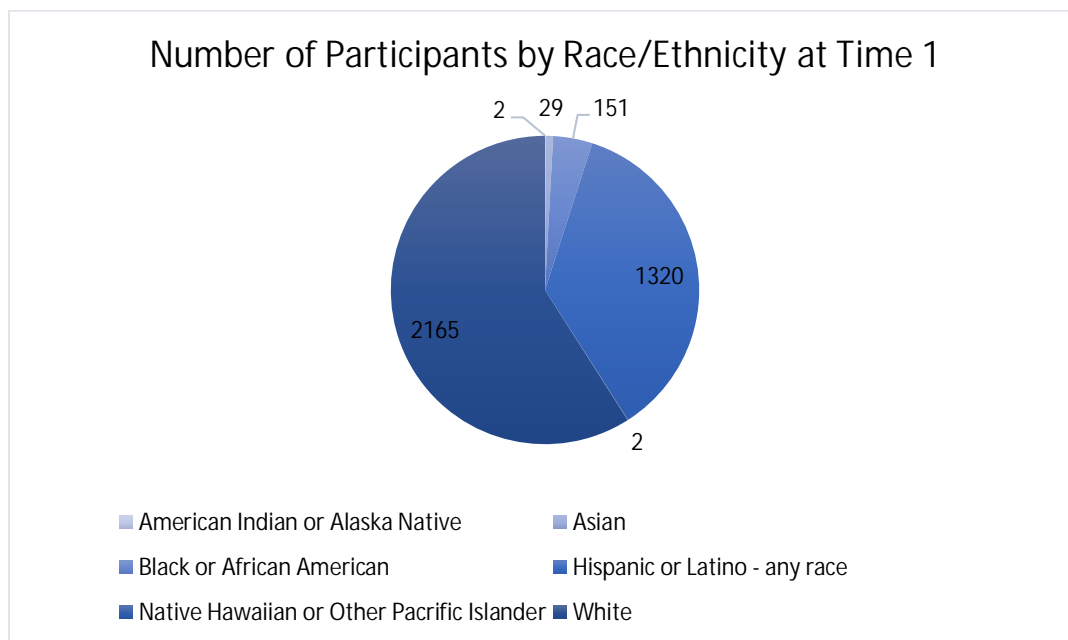| Quanterix (Form Q1) Variables	
Q1_Quanterix	Was Quanterix performed on this participant at some point?
Q1_Quanterix_tp	Which visit was Quanterix perfomed?
Q1_YKL_40	YKL-40 (Chitinase 3-like 1) pg/ml
Q1_GFAP	Glial fibrillary acidic protein pg/ml
Q1_NFL	Neurofilament light pg/ml
Q1_Total_tau	Total tau pg/ml
Q1_UCHL1	Ubiquitin Carboxyl-terminal Hydrolase L1 pg/ml
Q1_CD14	Cluster of differentiation 14 (CD14) ng/ml

Quanterix: Available Data for Each Quanterix Variable at Time 1							
	Q1_Quanterix	Q1_Quanterix_tp	Q1_YKL_40	Q1_GFAP	Q1_NFL	Q1_Total_tau	Q1_UCHL1	Q1_CD14
Totals	3,670	3,670	1,852	1,849	1,848	1,550	1,849	1,851

Available APOE (Apolipoprotein E) Frequencies (Across All Time Points)	
Apolipoprotein E Values	N
e2/e2	9
e2/e3	225
e2/e4	64
e3/e3	1,833
e3/e4	1,018
e4/e4	235
Total	3,670

Partial List of Available RBM Variables	
RBM_ACE_CD143	ACE (CD143) Angiotensin Converting Enzyme 0.2 ng/mL
RBM_BLC	B-Lymphocyte Chemoattractant (BLC) 106167 55.1 pg/mL
RBM_Eotaxin	Eotaxin 41 pg/mL
RBM_Galanin	Galanin 5 pg/mL
RBM_IGF_1	IGF-1 4 ng/mL
RBM_SCF	Stem Cell Factor 55.6 pg/mL
*These are a small sample of the 123 total RBM variables	

Participants Race/Ethnicity

	American Indian or Alaska Native – Non-Hispanic	Asian – Non-Hispanic	Black or African American – Non-Hispanic	Hispanic or Latino – any race	Native Hawaiian or Other Pacific Islander – Non-Hispanic	White – Non-Hispanic	Missing or Unknown	Total
Number of Participants by Race/Ethnicity at Time 1								
N	2	29	151	1,320	2	2,165	1	3,670

Number of Participants by Race/Ethnicity at Time 1

	American Indian or Alaska Native – Non-Hispanic	Asian – Non-Hispanic	Black or African American – Non-Hispanic	Hispanic or Latino – any race	Native Hawaiian or Other Pacific Islander – Non-Hispanic	White – Non-Hispanic	Missing or Unknown	Total
Sex by Participant Race/Ethnicity at Time 1								
Female	1	12	107	921	2	1,221		2,264
Male	1	17	44	399	0	944		1,405
Total	2	29	151	1,320	2	2,165	1	3,670

Hispanic Participants Statistics

Hispanic vs. Non-Hispanic Sex at Time 1							
	Hispanic	%	Non-Hispanic	%	Missing or Unknown	%	Total
Female	921	41%	1,343	59%	1	<0.1%	2,265
Male	399	28%	1,006	72%	0	0.0%	1,405
Total	1,320	36%	2,349	64%	1	<0.1%	3,670

Hispanic vs. Non-Hispanic Diagnosis at Time 1			
Diagnosis	Hispanic	Non-Hispanic	Unknown
AD	181	1,138	1
MCI	361	430	0
NC	776	779	0
Other	2	2	0
Total	1,320	2,349	1
*AD = Alzheimer's Disease *MCI = Mild Cognitive Impairment *NC = Normal Control			