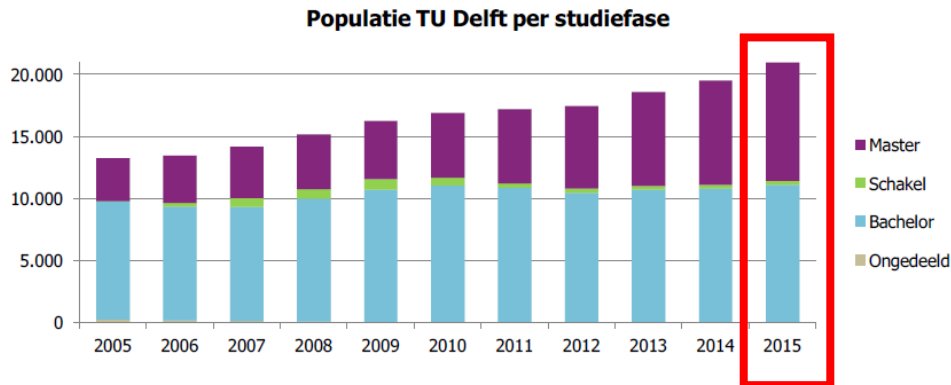


Student Demographics per year/per study phase

3.1 Populatie TU Delft: per studiefase

Populatie TU Delft per studiefase	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Ongedeeld	227	158	120	84	43	19					
Bachelor	9.570	9.221	9.202	9.902	10.689	11.055	10.877	10.464	10.720	10.808	11.079
Master	3.453	3.793	4.117	4.391	4.694	5.198	5.964	6.671	7.577	8.399	9.540
Schakel	3	297	731	789	837	621	338	326	286	302	361
Totaal populatie	13.253	13.469	14.170	15.166	16.263	16.893	17.179	17.461	18.583	19.509	20.980

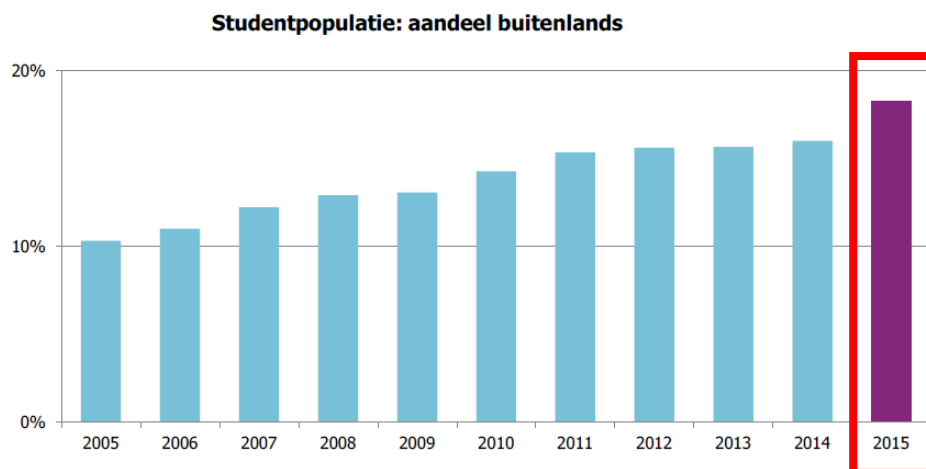


There seems to have been an increase in students. We see an increase in the amount of master track students. (Is this because of the bump in the bachelor track of 2007 - 2010?)

International Students

3.4 Populatie TU Delft: buitenlanders per faculteit

Studentpopulatie Buitenland	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
3mE	117	127	138	149	170	196	225	276	338	411	542
BK	258	251	282	337	357	412	443	452	469	472	553
CITG	128	152	206	253	283	303	350	368	387	431	540
EWI	285	294	330	341	347	350	329	304	346	388	515
IO	80	95	133	154	171	207	221	211	178	167	179
LR	300	359	411	457	509	581	653	661	723	815	975
TBM	69	82	97	108	110	130	132	157	162	159	183
TNW	122	118	132	141	152	205	250	266	278	277	333
Totaal buitenlandse populatie	1.359	1.478	1.729	1.940	2.099	2.384	2.603	2.695	2.881	3.120	3.820



We also see an increase in the number of international students. 2015 seems to have had the biggest increase. (does this account for the increase in master students? Still not all bachelor tracks are in English)

TU-Delft Staff

10.1 Personeelsomvang (fte)

Datum	31-12-2015	31-12-2014	31-12-2013	31-12-2012	31-12-2011
Totaal fte	4754	4652	4536	4440	4491
Vershil	102	116	96	-51	-104

10.2 In- en uitstroom (fte)

Jaar	2015	2014	2013	2012	2011
Instroom	918	877	809	707	672
Uitstroom	816	761	706	758	776

In the years after 2012 staff is increasing. Outflux of staff increased as well. People work temporarily at TU Delft.

Faculty bound staff

11.1 Personeelsomvang (fte)

Datum	31-12-2015	31-12-2014	31-12-2013	31-12-2012	31-12-2011
Aantal fte (incl.SA)	3542	3492	3419	3324	3401
Vershil t.o.v. vorig jaar	50	73	95	-77	-90

Faculty bound staff (permanent/temporary)

11.3 WP Vast en tijdelijk (fte)

Datum	31-12-2015	31-12-2014	31-12-2013	31-12-2012	31-12-2011
WP vast	1078	1058	1032	1034	1058
Vershil t.o.v. vorig jaar	20	26	-2	-24	-12
WP tijdelijk	1619	1610	1547	1457	1481
Vershil t.o.v. vorig jaar	9	63	90	-24	-43
WP tijdelijk/vast	1,50	1,52	1,50	1,41	1,40

There is 50% more temporary working staff than permanent staff. This seems to have increased in the last couple years.

Staff by function (permanent)

11.5 Vast WP (fte)

Datum	31-12-2015	31-12-2014	31-12-2013	31-12-2012	31-12-2011
Hoogleraren	219	212	204	199	195
UHD's	227	221	217	224	230
UD's	424	415	400	395	400
Onderzoekers	70	71	71	74	83
Docenten	134	135	136	139	147
Overig WP	4	4	4	3	3
Totaal vast WP	1078	1058	1032	1034	1058

Staff by function (temporary)

11.6 Tijdelijk WP (fte)

Datum	31-12-2015	31-12-2014	31-12-2013	31-12-2012	31-12-2011
Hoogleraren	21	18	22	19	22
UHD's	6	7	8	9	6
UD's	15	24	34	32	37
Promovendi	1018	977	961	949	961
Ontwerpers/PdEng (vh IWA/O)	54	56	54	49	45
Onderzoekers	475	496	432	368	386
Docenten	28	31	35	31	24
Overig WP	2	1	1	0	0
Totaal tijdelijk WP	1619	1610	1547	1457	1481

We see increases in PhD. students and researchers.

Employees

11.9 WP bezoldigd en onbezoldigd vanaf 2013* (in aantal)

Datum	31-12-2015	31-12-2014	31-12-2013
Medewerkers	2895	2898	2836
Tenure Track	145	118	98
Postdoc	0	1	6
Declaranten	25	38	35
Promovendi Buitencategorie	254	266	279
Promovendi Bursaal	496	482	514
Promovendi Externe Werkgever	236	215	213
Promovendi FOM	71	81	73
Promovendi M2i	16	29	40
Promovendi TIJD	236	213	233
Gasten**	1753	1519	1300
Externen**	522	504	502
Totaal	6649	6364	6129

** Om het aantal "Gasten" beter zichtbaar te maken, is begonnen om "Faciliteitengebruikers" te registreren als Externen ipv Gast. Onder Faciliteitengebruikers wordt verstaan: personen die worden geregistreerd zodat zij toegang kunnen krijgen tot de systemen. Ingeval van WP zijn dat o.a. ingehuurd WP en externe docenten die toegang moeten krijgen tot de systemen zoals Blackboard.

Guest employees seems to have the biggest increase in numbers, adding more than 200 people each year.

“Student blijft thuis wonen door leenstelsel”

More students decide to continue living at their parents because of discontinuation of basic student grants. Delft is one of the cities that notices this the most.

<http://www.trouw.nl/tr/nl/39683/nbsp/article/detail/4376920/2016/09/15/Student-blijft-thuis-wonen-door-leenstelsel.dhtml>

Recap

Looking back at the numbers given by the TU-Delft we see a general increase in student- and employee-population. For students we see an increase in the number of Master-track followers. This increase seems to stand parallel to the increase in number of international students that study at the TU-Delft, with 2015 having the biggest increase in the last 10 years.

Influx of TU-Delft employees is increasing but the outflux as well. Would this mean that these people work mostly temporarily or is it a simple fifo (first one in, first one out) principle that is happening.

The numbers tell us that most of the faculty bound employees at the TU-Delft are temporary. We find a large number of them working as PhD. students and researchers. For every researcher there are two PhD. students. We can also find an increasing number of people getting invited to the TU-Delft; guests. Up until 2013 the TU-Delft has added another 200 guest per year to the amount of guest it had the year before.

Although we see an increase of students and employees we also have to take into account the socio-cultural context of the Netherlands. Since 2015 Dutch students don't get a basic student grant for their higher education. This grant-model changed into a loan-model. This resulted in students staying at their parents to save money.

Conclusion

Based on the numbers we can conclude that the increase in students and the TU-Delft employees calls for more housing. Since Dutch students increasingly tend to stay at their parent's place, the focus for housing shifts towards international students and temporary employees. The majority of these temporary employees are PhD. students and researchers.

The time it takes PhD students to finish their research is at least 4 years. The time it takes International students to finish their (master)- track is at least 2 years. But can we assume all international students only follow the full master programs that TU-Delft offers? What about exchange students and international bachelor students?