



Dear participant,

Thank you for your participation in nutritionDay worldwide in 2019 and for your effort. We are now able to present you your country report of the following sample size:

Number of participated center:	2
Number of participated units:	26
Number of patients:	447
Number of patients who gave consent:	326
Number of patients completing Sheet 3a:	326
Number of patients completing Sheet 3b:	326
Number of patients with 30-day outcome assessment:	326

This report compares your country data to international reference database based on data from nutritionDay 2016-2018.

The report consists of 4 parts:

Part I reflects capacity and staffing of your hospitals.

Part II reflects the organisation and the structure of the units.

Part III describes the patient´s demographics, the clinical information and the outcome.

Part IV is the summary of information on patient´s nutrition, history and health status.

Next year's nutritionDay will take place in November 2020. Again, we would very much appreciate your participation. You will be provided with further information on a regular

Best regards from the nutritionDay-Team!

Prof. Dr. Michael Hiesmayr

Sigrid Moick, MA

1. Hospital capacity and staffing ("Hospital sheet")

	YOUR RESULTS	REFERENCE RESULTS
1. Total number of beds in hospital	710 [610-810]	333 [194-630]
2. Total number of admissions in the hospital last year	-	18005 [9101-36130]
3. Total number of staff in the hospital		
Total medical doctors	-	173 [80-399]
Medical specialists	-	116 [53-250]
Medical non-specialists	-	37 [14-84]
Nurses	-	420 [183-836]
Dieticians	-	5 [2-9]
Nutritionists	-	1 [0-4]
Pharmacists	-	7 [4-21]
Kitchen staff	-	31 [15-59]
Full time equivalent		
Total medical doctors	-	148 [60-373]
Medical specialists	-	98 [45-251]
Medical non-specialists	-	36 [11-99]
Nurses	-	364 [180-788]
Dieticians	-	5 [2-8]
Nutritionists	-	1 [0-3]
Pharmacists	-	6 [3-18]
Kitchen staff	-	29 [15-55]
4. Does the hospital have a nutrition care strategy?	-	498 (79,4%) Yes
5. Which nutrition-related standards or routine activities exist in your hospital?		
Nutrition training is available	0 (0,0%) Yes	434 (66,7%) Yes
Nutrition steering committee is available	0 (0,0%) Yes	388 (59,6%) Yes
Quality indicators are recorded and reported to national or regional level	0 (0,0%) Yes	263 (40,4%) Yes
Quality indicators are used for internal benchmarking	0 (0,0%) Yes	337 (51,8%) Yes
Patient feedback about food and food service is collected using a questionnaire	0 (0,0%) Yes	475 (73,0%) Yes
None	0 (0,0%) Yes	30 (4,6%) Yes
No answer given	2 (100,0%)	24 (3,7%)
6. Which codes are available /routinely used in your hospital for billing and reimbursement purposes?		
Codes available		
Nutrition Support	0 (0,0%) Yes	313 (48,1%) Yes

Oral nutrition supplements	0 (0,0%) Yes	239 (36,7%) Yes
Parenteral nutrition	0 (0,0%) Yes	375 (57,6%) Yes
Enteral nutrition	0 (0,0%) Yes	334 (51,3%) Yes
Dietary counseling	0 (0,0%) Yes	235 (36,1%) Yes
Specific dietary interventions	0 (0,0%) Yes	181 (27,8%) Yes
Screening for malnutrition	0 (0,0%) Yes	187 (28,7%) Yes
Risk of malnutrition	0 (0,0%) Yes	160 (24,6%) Yes
Malnutrition (in general)	0 (0,0%) Yes	294 (45,2%) Yes
Severity of malnutrition (i.e. mild, moderate, severe)	0 (0,0%) Yes	280 (43,0%) Yes
No information available from billing/finance/controlling	0 (0,0%) Yes	109 (16,7%) Yes
No answer given	-	42 (6,5%)

Codes routinely used

Nutrition Support	0 (0,0%) Yes	270 (41,5%) Yes
Oral nutrition supplements	0 (0,0%) Yes	209 (32,1%) Yes
Parenteral nutrition	0 (0,0%) Yes	343 (52,7%) Yes
Enteral nutrition	0 (0,0%) Yes	307 (47,2%) Yes
Dietary counseling	0 (0,0%) Yes	198 (30,4%) Yes
Specific dietary interventions	0 (0,0%) Yes	159 (24,4%) Yes
Screening for malnutrition	0 (0,0%) Yes	149 (22,9%) Yes
Risk of malnutrition	0 (0,0%) Yes	128 (19,7%) Yes
Malnutrition (in general)	0 (0,0%) Yes	255 (39,2%) Yes
Severity of malnutrition (i.e. mild, moderate, severe)	0 (0,0%) Yes	242 (37,2%) Yes
No information available from billing/finance/controlling	0 (0,0%) Yes	120 (18,4%) Yes
No answer given	-	53 (8,1%)

II. Unit organisation and structures ("Sheet 1a/1b")

	YOUR RESULTS	REFERENCE RESULTS
Internal Medicine / General	0 (0,0%)	21.1%
Internal Medicine / Cardiology	4 (15,4%)	4.3%
Internal Medicine / Gastroenterology & hepatology	1 (3,8%)	7.8%
Internal Medicine / Geriatrics	0 (0,0%)	9.7%
Internal Medicine / Infectious diseases	0 (0,0%)	0.6%
Internal Medicine / Nephrology	0 (0,0%)	1.2%
Internal Medicine / Oncology (incl. radiotherapy)	3 (11,5%)	8.1%
Interdisciplinary	0 (0,0%)	3.4%
Long term care	2 (7,7%)	2.0%
Neurology	1 (3,8%)	3.6%
Surgery / General	4 (15,4%)	15.7%
Surgery/ Cardiac/Vascular/Thoracic	3 (11,5%)	1.4%
Surgery / Neurosurgery	0 (0,0%)	0.9%
Surgery / Orthopedic	1 (3,8%)	4.2%
Trauma	1 (3,8%)	0.9%
Ear Nose Throat (ENT)	0 (0,0%)	1.7%
Gynecology / Obstetrics	0 (0,0%)	1.4%
Pediatrics	0 (0,0%)	0.1%
Psychiatry	5 (19,2%)	0.9%
Others	1 (3,8%)	11.1%
2. Number of registered inpatients at noon	16 [14-23]	25 [19-32]
3. Total bed capacity of the unit	16 [15-26]	30 [24-40]
4. Number of each type of staff in the unit for TODAY's morning shift		
Fully trained		
Medical doctors	4 [3-7]	4 [2-7]
Nurses	9 [7-11]	5 [3-8]
Nursing aides	-	2 [1-4]
Dieticians	-	1 [0-1]
Nutritionists	-	0 [0-1]
Administrative staff	-	1 [0-1]
Other staff involved in patient care	-	1 [0-2]
In training		
Medical doctors	-	1 [0-3]
Medical students	-	0 [0-2]
Nurses	-	1 [0-3]

Nursing aides	-	0 [0-0]
Dieticians	-	0 [0-0]
Nutritionists	-	0 [0-0]
Other staff involved in patient care	-	0 [0-0]
5. Is there a nutrition support team in your hospital available?	-	1018 (78,3%) Yes
6. Does the unit have a nutrition care strategy?	-	984 (75,7%) Yes
7. Is there a person in your unit responsible for nutrition care?	-	922 (70,9%) Yes
8. Is there a dietician, nutritionist or dietetic assistant available for your unit?	18 (69,2%) Yes	1239 (90,8%) Yes
9. Is specific staff responsible for providing feeding assistance to patients during meal times?	-	780 (60,0%) Yes
10. How do you MAINLY screen/monitor patients for malnutrition?		
At admission		
No routine screening	3 (11,5%) Yes	109 (7,6%)
No fixed criteria	-	21 (1,5%)
Experience / visual assessment only	1 (3,8%) Yes	102 (7,1%)
Weighing / BMI only	4 (15,4%) Yes	201 (14,1%)
Nutritional Risk Screening (NRS) 2002	18 (69,2%) Yes	462 (32,3%)
Malnutrition Universal Screening Tool (MUST)	-	81 (5,7%)
Malnutrition Screening tool (MST)	-	115 (8,0%)
SNAQ	-	13 (0,91%)
Other formal tool	-	249 (17,4%)
I do not know	-	11 (0,77%)
Missing	-	66 (4,6%)
During hospital stay		
No routine monitoring	1 (3,8%) Yes	133 (9,3%)
No fixed criteria	-	118 (8,3%)
Experience / visual assessment only	8 (30,8%) Yes	235 (16,4%)
Weighing / BMI only	4 (15,4%) Yes	471 (32,9%)
Other formal tool	11 (42,3%) Yes	375 (26,2%)
I do not know	2 (7,7%) Yes	32 (2,2%)
Missing	-	66 (4,6%)
11a. Do you routinely use guidelines or standards for nutrition care?	-	1043 (82,1%) Yes

11b. If yes, which one is mainly used?

International guidelines	-	257 (24,6%)
National guidelines	-	166 (15,9%)
Standards on hospital level	-	378 (36,2%)
Standards on unit level	-	65 (6,2%)
Individual patient nutrition care plans	-	155 (14,9%)
Other	-	11 (1,1%)
Missing	-	11 (1,1%)

12. What is routinely done in your unit for given patient groups?**At risk**

Watchful waiting	-	399 (27,9%)
Discuss nutrition care activities during ward rounds	-	614 (42,9%)
Develop an individual nutrition care plan	-	720 (50,3%)
Initiate treatment / nutrition intervention	-	820 (57,3%)
Consult a nutrition expert (dietician, nutritionist, etc.)	-	828 (57,9%)
Consult a medical professional	-	505 (35,3%)
Calculate energy requirements	-	652 (45,6%)
Calculate protein requirements	-	630 (44,1%)

Malnourished

Watchful waiting	-	280 (19,6%)
Discuss nutrition care activities during ward rounds	-	675 (47,2%)
Develop an individual nutrition care plan	-	792 (55,4%)
Initiate treatment / nutrition intervention	-	884 (61,8%)
Consult a nutrition expert (dietician, nutritionist, etc.)	-	823 (57,6%)
Consult a medical professional	-	579 (40,5%)
Calculate energy requirements	-	763 (53,4%)
Calculate protein requirements	-	745 (52,1%)

Every patient

Watchful waiting	-	700 (49,0%)
Discuss nutrition care activities during ward rounds	-	358 (25,0%)
Develop an individual nutrition care plan	-	250 (17,5%)
Initiate treatment / nutrition intervention	-	197 (13,8%)
Consult a nutrition expert (dietician, nutritionist, etc.)	-	264 (18,5%)
Consult a medical professional	-	307 (21,5%)
Calculate energy requirements	-	186 (13,0%)
Calculate protein requirements	-	168 (11,7%)

Never

Watchful waiting	-	105 (7,3%)
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Discuss nutrition care activities during ward rounds	-	77 (5,4%)
Develop an individual nutrition care plan	-	62 (4,3%)
Initiate treatment / nutrition intervention	-	19 (1,3%)
Consult a nutrition expert (dietician, nutritionist, etc.)	-	20 (1,4%)
Consult a medical professional	-	146 (10,2%)
Calculate energy requirements	-	141 (9,9%)
Calculate protein requirements	-	165 (11,5%)

I do not know

Watchful waiting	-	71 (5,0%)
Discuss nutrition care activities during ward rounds	-	54 (3,8%)
Develop an individual nutrition care plan	-	41 (2,9%)
Initiate treatment / nutrition intervention	-	34 (2,4%)
Consult a nutrition expert (dietician, nutritionist, etc.)	-	33 (2,3%)
Consult a medical professional	-	86 (6,0%)
Calculate energy requirements	-	65 (4,5%)
Calculate protein requirements	-	71 (5,0%)

13. When do you routinely weigh your patients?

at admission	16 (61,5%) Yes	928 (64,9%)
Within 24 hours	9 (34,6%) Yes	210 (14,7%)
Within 48 hours	5 (19,2%) Yes	79 (5,5%)
Within 72 hours	1 (3,8%) Yes	39 (2,7%)
Every week	12 (46,2%) Yes	627 (43,8%)
Occasionally	6 (23,1%) Yes	158 (11,0%)
When requested	8 (30,8%) Yes	728 (50,9%)
At discharge	1 (3,8%) Yes	67 (4,7%)
Never	1 (3,8%) Yes	17 (1,2%)
I do not know	-	6 (0,42%)
No answer given	3 (16,7%)	69 (4,8%)

14. What do you do to support adequate food intake of patients?

Offer additional meals or in between snacks	23 (88,5%) Yes	1096 (76,6%)
Offer meal choices	21 (80,8%) Yes	1055 (73,8%)
Offer different portion sizes	26 (100%) Yes	934 (65,3%)
Consider food presentation	22 (84,6%) Yes	502 (35,1%)
Change food texture/consistency as needed	22 (84,6%) Yes	1175 (82,2%)
Consider patient problems with eating and drinking	22 (84,6%) Yes	1166 (81,5%)
Ensure that mealtimes are undisturbed/protected mealtime policy	12 (46,2%) Yes	324 (22,7%)
Promote positive eating environment	21 (80,8%) Yes	419 (29,3%)
Consider cultural/religious preferences	24 (92,3%) Yes	903 (63,1%)
Consider patient allergies / intolerances	25 (96,2%) Yes	1045 (73,1%)
Other	1 (3,8%) Yes	103 (7,2%)

I do not know	-	26 (1,8%)
No answer given	-	67 (4,7%)

15. Which nutrition-related standards or routine activities exist in your unit?

Nutrition training is available	-	821 (57,4%)
Reporting of nutrition related information to hospital managers	-	608 (42,5%)
Quality indicators are recorded and reported to national or regional level	-	448 (31,3%)
Quality indicators are used for internal benchmarking	-	513 (35,9%)
Patient feedback about food and food service is collected using a questionnaire	-	884 (61,8%)
None	-	41 (2,9%)
I do not know	-	61 (4,3%)
No answer given	26 (100%)	151 (10,6%)

16. At admission what is asked and documented?

Change in weight	-	1104 (77,2%)
Eating habits/difficulties	-	1041 (72,8%)
Nutrition before admission	-	823 (57,6%)
None	-	18 (1,3%)
I do not know	-	33 (2,3%)
No answer given	26 (100%)	153 (10,7%)

17. On what forms is there a specific part about eating, nutrition or malnutrition?

a. Patient Record has a section for ...

indicating if the patient is malnourished or at risk of malnutrition	-	1037 (72,5%)
nutrition treatment	-	837 (58,5%)
None	-	65 (4,5%)
I do not know	-	42 (2,9%)

b. Discharge Letter ...

summarizes nutrition treatment received during stay	-	592 (41,4%)
makes future nutrition-related recommendations	-	816 (57,1%)
None	-	137 (9,6%)
I do not know	-	128 (9,0%)

18. Do you provide brochures about malnutrition to at risk/malnourished patients?	-	519 (45,2%) Yes
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19. Who filled in this sheet?

Head staff	-	411 (28,7%)
Dietician	-	717 (50,1%)
Nurse	-	388 (27,1%)

Physician	-	175 (12,2%)
Administrative staff	-	13 (0,91%)
Other	-	71 (5,0%)
None	-	-
I do not know	-	15 (1,0%)

III. Patient demographics, medical information & Outcome ("Sheet 2a/2b")

	YOUR RESULTS	REFERENCE RESULTS
Total	326	27195
Age	66 [50-76]	67 [53-78]
Female	148 (45,4%)	13525 (49,7%)
Weight	76,8±17,3	69,9±18,9
Height	172±9	165±10
BMI	25,8±5,2	25,5±5,9

1. This hospital admission was...

planned	155 (47,5%)	9881 (36,3%)
an emergency	157 (48,2%)	14977 (55,1%)
I do not know	14 (4,3%)	2337 (8,6%)
No answer given	-	-

2a. Diagnosis at admission

0100 Infectious and parasitic diseases	18 (5,5%)	2442 (9,0%)
0200 Neoplasms	66 (20,2%)	4873 (17,9%)
0300 Blood and bloodforming organs and the immune mechanism	14 (4,3%)	1724 (6,3%)
0400 Endocrine, nutritional and metabolic diseases	42 (12,9%)	3266 (12,0%)
0500 Mental health	60 (18,4%)	1218 (4,5%)
0600 Nervous system	30 (9,2%)	2493 (9,2%)
0700 Eye and adnexa	6 (1,8%)	339 (1,2%)
0800 Ear and mastoid process	1 (0,31%)	172 (0,63%)
0900 Circulatory system	115 (35,3%)	5629 (20,7%)
1000 Respiratory system	28 (8,6%)	4217 (15,5%)
1100 Digestive system	60 (18,4%)	6840 (25,2%)
1200 Skin and subcutaneous tissue	18 (5,5%)	1244 (4,6%)
1300 Musculoskeletal system and connective tissue	56 (17,2%)	4246 (15,6%)
1400 Genitourinary system	34 (10,4%)	2809 (10,3%)
1500 Pregnancy, childbirth and the puerperium	-	222 (0,82%)
1600 Conditions originating in the perinatal period	-	36 (0,13%)
1700 Congenital/chromosomal abnormalities	3 (0,92%)	52 (0,19%)
1800 Symptoms, signs, abnormal clinical/lab findings	1 (0,31%)	1319 (4,9%)
1900 Injury, poisoning	7 (2,1%)	724 (2,7%)
2000 External causes of morbidity and mortality (e.g. transport accidents, assaults)	10 (3,1%)	671 (2,5%)
2100 Factors influencing health status and contact with health services	5 (1,5%)	990 (3,6%)
No answer given	-	-

3. Which conditions/comorbidities does this patient have?

Cardiac insufficiency	43 (13,3%)	5264 (21,3%)
Myocardial infarction	33 (10,2%)	1338 (5,5%)
Chronic lung disease	35 (10,7%)	3466 (14,1%)
Cerebral vascular disease	25 (7,7%)	2274 (9,3%)
Peripheral vascular disease	33 (10,1%)	2842 (11,6%)
Chronic liver disease	14 (4,3%)	1477 (6,1%)
Chronic kidney disease	14 (4,3%)	2817 (11,6%)
Diabetes	43 (13,2%)	5968 (24,2%)
Cancer	78 (24,0%)	5709 (23,2%)
Infection	32 (9,8%)	3578 (14,6%)
Dementia	8 (2,5%)	1229 (5,1%)
Major depressive disorder	23 (7,1%)	1233 (5,1%)
Other chronic mental disorder	38 (11,7%)	1229 (5,1%)
Other chronic disease	64 (19,7%)	6369 (25,9%)
None	78 (23,9%)	4869 (17,9%)

4a. Previous operation during this hospital stay

Yes, planned	-	5304 (19,5%)
Yes, acute	-	1634 (6,0%)
No	-	17917 (65,9%)
I do not know	-	313 (1,2%)
Missing	326 (100%)	2027 (7,5%)

Days since operation	-	3 [1-11]
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4b. Planned operation during this hospital stay

Yes, today or tomorrow	-	1998 (7,3%)
Yes, later	-	1411 (5,2%)
No	-	19908 (73,2%)
I do not know	-	1082 (4,0%)
Missing	326 (100%)	2796 (10,3%)

5. Previous ICU admission during this hospital stay? (Yes)

	-	2731 (10,6%)
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6. Is this patient terminally ill?

	-	1729 (6,4%)
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7. Fluid status

Normal	206 (63,2%)	20820 (76,6%)
Overloaded	25 (7,7%)	1466 (5,4%)
Dehydrated	13 (4,0%)	1298 (4,8%)
I do not know	82 (25,2%)	3611 (13,3%)
Missing	-	-

8. Number of different medications planned

Oral	-	5 [2-8]
Other	-	2 [1-4]

9. Was this patient identified as malnourished or at risk of malnutrition?

Malnourished	17 (5,2%)	3264 (12,0%)
At risk	49 (15,0%)	4856 (17,9%)
No	201 (61,7%)	16820 (61,8%)
I do not know	59 (18,1%)	2255 (8,3%)
Missing	-	-

10. IV Fluids

Electrolyte solution (NaCl, Ringers lactate, etc)	-	9496 (34,9%)
5% Glucose solution	-	2615 (9,6%)

11. Number of ONS drinks planned

	-	0 [0-0]
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12. Nutrition intake

Regular hospital food	301 (92,3%)	15788 (58,1%)
Fortified/enriched hospital food	16 (4,9%)	3133 (11,5%)
Protein/energy supplement (e.g. ONS drinks)	30 (9,2%)	4012 (14,8%)
Enteral nutrition	2 (0,61%)	1315 (4,8%)
Parenteral nutrition	14 (4,3%)	1286 (4,7%)
Special diet	14 (4,3%)	8834 (32,5%)
None	5 (1,5%)	1283 (4,7%)

13a. All lines and Tubes

Central Venous	-	2360 (9,2%)
Peripheral venous access	-	12501 (48,7%)
Nasogastric	-	680 (2,6%)
Nasojejunal	-	135 (0,53%)
Nasoduodenal	-	99 (0,39%)
Enterostoma	-	126 (0,49%)
Percutaneous endoscopy/surgical gastrostomy	-	234 (0,91%)
Percutaneous endoscopy/surgical jejunostomy	-	95 (0,37%)
None	326 (100,0%)	12303 (45,2%)

13b. Were there complications with nutrition related lines and tubes since admission?

Yes, previously	-	362 (1,3%)
Yes, ongoing	-	227 (0,83%)
No	-	21227 (78,1%)
I do not know	-	2312 (8,5%)
Missing	326 (100%)	3067 (11,3%)

14. Please indicate if any of the following was done for this patient since admission		
Energy requirements were determined	-	9593 (37,3%)
Protein requirements were determined	-	8543 (33,3%)
Food/Nutrition intake was recorded in the patient record	-	11079 (43,1%)
Nutrition treatment plan was developed	-	9042 (35,2%)
Nutrition expert was consulted	-	9313 (36,3%)
Malnutrition status is recorded in the patient record	-	8238 (32,1%)
None	-	-

15a. Energy goal		
< 500 kcal	-	1046 (3,8%)
500-999 kcal	-	269 (0,99%)
1000-1499 kcal	-	2400 (8,8%)
1500-1999 kcal	-	8218 (30,2%)
>=2000 kcal	-	2704 (9,9%)
Not determined	-	8749 (32,2%)
I do not know	-	2265 (8,3%)
Missing	326 (100%)	1544 (5,7%)

15b. Energy intake		
< 500 kcal	-	1697 (6,2%)
500-999 kcal	-	1257 (4,6%)
1000-1499 kcal	-	3424 (12,6%)
1500-1999 kcal	-	5999 (22,1%)
>=2000 kcal	-	1448 (5,3%)
Not determined	-	8533 (31,4%)
I do not know	-	3276 (12,0%)
Missing	326 (100%)	1561 (5,7%)

16. Since admission, this patient's health status has...		
Improved	-	12837 (47,2%)
Deteriorated	-	1433 (5,3%)
Remained the same	-	7057 (25,9%)
This patient has just been admitted	-	1699 (6,2%)
I do not know	-	2663 (9,8%)
Missing	326 (100%)	1506 (5,5%)

Length of hospital stay (days)	11 [6-19]	12 [6-23]
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Outcome Code		
1= Still in the hospital	30 (9,2%)	2601 (9,6%)
2= Transferred to another hospital	23 (7,1%)	571 (2,1%)
3= Transferred to long term care	27 (8,3%)	1107 (4,1%)

4= Rehabilitation	3 (0,92%)	1222 (4,5%)
5= Discharged home	237 (72,7%)	20149 (74,1%)
6= Death	3 (0,92%)	845 (3,1%)
7= Others	3 (0,92%)	507 (1,9%)
Missing	-	193 (0,71%)

Readmitted since ND

1= No	226 (77,1%)	18115 (75,8%)
2= Yes, same hospital planned	15 (5,1%)	1637 (6,9%)
3= Yes, same hospital unplanned	28 (9,6%)	1465 (6,1%)
4= Yes, different hospital planned	8 (2,7%)	112 (0,47%)
5= Yes, different hospital unplanned	8 (2,7%)	112 (0,47%)
6= Unknown	-	796 (3,3%)
Missing	8 (2,7%)	1597 (6,7%)

IV. Patient's perspective: Medical history, nutrition status & intake today ("Sheet 3a/3b")

	YOUR RESULTS	REFERENCE RESULTS
1. What are your typical dietary habits?		
No special dietary habits	-	17526 (66,5%)
I am vegetarian	-	510 (1,9%)
I adhere to a vegan diet	-	193 (0,73%)
I eat gluten-free diet	-	244 (0,93%)
I avoid added sugars	-	3934 (14,9%)
I avoid carbohydrates	-	1502 (5,7%)
I eat a low fat-diet	-	2899 (11,0%)
I am lactose intolerant	-	946 (3,6%)
Other special diet due to intolerances/allergies	-	469 (1,8%)
Other	-	1854 (7,0%)
No answer given	326 (100%)	1891 (7,2%)
2. Where did you live before your current hospital admission?		
At home	-	22025 (83,6%)
In a nursing home or other live-in facility	-	836 (3,2%)
I was transferred from another hospital	-	1411 (5,4%)
Other	-	374 (1,4%)
Missing	326 (100%)	1694 (6,4%)
3. In general, are you able to walk?		
Yes	-	16014 (60,8%)
Yes, with someone's help	-	2580 (9,8%)
Yes, independently using a cane, walker, or crutches	-	3466 (13,2%)
No, I have a wheelchair	-	1033 (3,9%)
No, I am bedridden	-	1462 (5,6%)
Missing	326 (100%)	1785 (6,8%)
4. In general, how would you say your health is?		
Very good	-	1854 (7,0%)
Good	-	8966 (34,0%)
Fair	-	9409 (35,7%)
Poor	-	3513 (13,3%)
Very poor	-	824 (3,1%)
Missing	326 (100%)	1774 (6,7%)
5. Over the last 12 months prior to your current hospital admission approximately...		
... how many times have you seen a doctor?	-	5 [2-10]
... how many times have you been admitted to the hospital (Emergency room, any ward)?	-	1 [0-2]

... how many nights in total have you spent in hospital?	-	5 [0-15]
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6. How many different medications do you take routinely each day (prior to hospitalisation)?

1-2	-	4936 (18,7%)
3-5	-	6672 (25,3%)
More than 5	-	7906 (30,0%)
None	-	3926 (14,9%)
I do not know	-	1077 (4,1%)
Missing	326 (100%)	1823 (6,9%)

7. Do you have health insurance?

Yes, private insurance only	-	4253 (16,1%)
Yes, public insurance only	-	12350 (46,9%)
Yes, both	-	3229 (12,3%)
None	-	2938 (11,2%)
I prefer not to answer	-	1314 (5,0%)
Missing	326 (100%)	2256 (8,6%)

8. What was your weight 5 years ago?

I do not know	-	72 [60-85]
		6267 (23,8%)

9a. Have you lost weight within the last 3 months?

Yes, intentionally	28 (8,6%)	2468 (9,4%)
Yes, unintentionally	115 (35,3%)	10065 (38,2%)
No, my weight stayed the same	143 (43,9%)	7869 (29,9%)
No, I gained weight	28 (8,6%)	2857 (10,8%)
I do not know	12 (3,7%)	2512 (9,5%)
Missing	-	569 (2,2%)

9b. If yes, how many kg did you lose?

I do not know	5 [3-8]	6 [4-10]
	28 (19,6%)	1997 (15,9%)

10. Did you know about your hospitalisation two days before admission? (Yes)

	-	9602 (40,6%)
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11. Please indicate if you ...

... were weighed at admission	-	14112 (57,4%)
... were informed about your nutrition status	-	8364 (34,3%)
... were informed about nutrition care options	-	7769 (31,9%)
... received special nutrition care	-	7463 (30,7%)

12. How well have you eaten in the week before you were admitted to the hospital?

More than normal	7 (2,1%)	1163 (4,4%)
Normal	204 (62,6%)	15832 (60,4%)

About 3/4 of normal	53 (16,3%)	2728 (10,4%)
About half of normal	37 (11,3%)	3287 (12,5%)
About a quarter to nearly nothing	23 (7,1%)	2496 (9,5%)
I do not know	1 (0,31%)	264 (1,0%)
Missing	1 (0,31%)	443 (1,7%)

13. In general, how satisfied are you with the food at the hospital?

Very satisfied	-	6066 (23,1%)
Somewhat satisfied	-	8166 (31,2%)
Neutral	-	4867 (18,6%)
Dissatisfied	-	2103 (8,0%)
Very dissatisfied	-	726 (2,8%)
I do not know	-	2021 (7,7%)
Missing	326 (100%)	2264 (8,6%)

14. Did you get any help with eating TODAY?

Yes, from family or friends	-	2448 (9,3%)
Yes, from hospital staff	-	1670 (6,4%)
No	-	19193 (73,2%)
I do not know	-	302 (1,2%)
Missing	326 (100%)	2600 (9,9%)

15. Were you able to eat without interruption TODAY? (Yes)

	-	17231 (74,2%)
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16a. Please indicate how much hospital food you ate for lunch or dinner TODAY:

About all	153 (46,9%)	12095 (46,1%)
1/2	56 (17,2%)	6486 (24,7%)
1/4	45 (13,8%)	3353 (12,8%)
Nothing	71 (21,8%)	3130 (11,9%)
Missing	1 (0,31%)	1149 (4,4%)

16b. The portion size of the meal I ordered TODAY was...

Standard	-	15979 (61,0%)
Smaller	-	2367 (9,0%)
Larger	-	1119 (4,3%)
I do not know	-	2429 (9,3%)
Missing	326 (100%)	4319 (16,5%)

17. If you did not eat everything of your meal, please tell us why:

I did not like the type of food offered	17 (9,9%)	2061 (15,9%)
I did not like the smell/taste of the food	3 (1,7%)	1569 (12,1%)
The food did not fit my cultural/religious preferences	-	143 (1,1%)
The food was too hot	-	59 (0,45%)

The food was too cold	-	296 (2,3%)
Due to food allergy/intolerance	-	96 (0,74%)
I was not hungry at that time	25 (14,5%)	2205 (17,0%)
I do not have my usual appetite	60 (34,9%)	3830 (29,5%)
I have problems chewing/swallowing	9 (5,2%)	761 (5,9%)
I normally eat less than what was served	13 (7,6%)	1427 (11,0%)
I had nausea/vomiting	20 (11,6%)	1029 (7,9%)
I was too tired	9 (5,2%)	789 (6,1%)
I cannot eat without help	-	208 (1,6%)
I was not allowed to eat	30 (17,4%)	1289 (9,9%)
I had an exam, surgery, or test and missed my meal	4 (2,3%)	766 (5,9%)
I did not get requested food	-	139 (1,1%)
No answer given	41 (23,8%)	1829 (14,1%)

18. Enter the number of glasses/cups of the drinks you consumed in the last 24 hours

Water	-	3 [2-5]
Tea	-	1 [0-2]
Coffee	-	1 [1-2]
Milk	-	1 [0-1]
Fruit juice	-	1 [0-2]
Soft drinks	-	0 [0-1]
Nutrition drink	-	0 [0-1]
Other	-	0 [0-1]

19a. Did you eat any food apart from hospital food TODAY? - 6580 (28,9%)

19b. If yes, what did you eat?

Sweet snacks	-	1928 (29,3%)
Salty snacks	-	749 (11,4%)
Homemade food	-	963 (14,6%)
Fruits	-	2551 (38,8%)
Dairy products	-	724 (11,0%)
Food delivered/restaurant	-	293 (4,5%)
Sandwich	-	421 (6,4%)
Other	-	1042 (15,8%)

20. How has your food intake changed since your hospital admission?

Increased	-	3706 (14,1%)
Decreased	-	7774 (29,7%)
Stayed the same	-	10331 (39,4%)
I do not know	-	1690 (6,4%)
Missing	326 (100%)	2712 (10,3%)

21. TODAY I feel...

Stronger than at admission	151 (46,3%)	11240 (42,9%)
Weaker than at admission	61 (18,7%)	4893 (18,7%)
Same as at admission	89 (27,3%)	7428 (28,3%)
I was admitted today	10 (3,1%)	662 (2,5%)
I do not know	15 (4,6%)	1384 (5,3%)
Missing	-	606 (2,3%)

22. Can you walk without assistance TODAY?

Yes	223 (68,4%)	15438 (58,9%)
No, only with assistance	82 (25,2%)	6458 (24,6%)
No, I stay in bed	17 (5,2%)	3018 (11,5%)
Missing	4 (1,2%)	1299 (5,0%)

23. Did anyone help you complete this questionnaire?

- 15731 (65,1%)