



Dear participant,

Thank you for your participation in nutritionDay worldwide in 2020 and for your effort. We are now able to present you your country report of the following sample size:

Number of participated center:	4
Number of participated units:	10
Number of patients:	131
Number of patients who gave consent:	131
Number of patients completing Sheet 3a:	129
Number of patients completing Sheet 3b:	129
Number of patients with 30-day outcome assessment:	131

This report compares your country data to international reference database based on data from nutritionDay 2017-2019.

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 2021. 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	300 [300-350]	375 [213-715]
2. Total number of admissions in the hospital last year	10000 [1935-55748]	18870 [9512-38961]
3. Total number of staff in the hospital		
Total medical doctors	93 [66-220]	186 [90-417]
Medical specialists	100 [55-195]	124 [54-273]
Medical non-specialists	258 [258-258]	45 [19-116]
Nurses	551 [304-863]	440 [208-910]
Dieticians	7 [6-8]	5 [1-10]
Nutritionists	0 [0-0]	1 [0-5]
Pharmacists	27 [15-40]	8 [4-24]
Kitchen staff	38 [34-46]	32 [15-62]
Full time equivalent		
Total medical doctors	75 [75-75]	175 [76-394]
Medical specialists	-	121 [50-274]
Medical non-specialists	-	45 [18-138]
Nurses	166 [166-166]	380 [198-793]
Dieticians	4 [4-4]	5 [2-8]
Nutritionists	0 [0-0]	1 [0-3]
Pharmacists	18 [18-18]	7 [4-20]
Kitchen staff	37 [37-37]	30 [14-57]
4. Does the hospital have a nutrition care strategy?	4 (100%) Yes	439 (80.8%) Yes
5. Which nutrition-related standards or routine activities exist in your hospital?		
Nutrition training is available	4 (80.0%) Yes	391 (72.0%) Yes
Nutrition steering committee is available	3 (60.0%) Yes	328 (60.4%) Yes
Quality indicators are recorded and reported to national or regional level	2 (40.0%) Yes	229 (42.2%) Yes
Quality indicators are used for internal benchmarking	4 (80.0%) Yes	299 (55.1%) Yes
Patient feedback about food and food service is collected using a questionnaire	4 (80.0%) Yes	415 (76.4%) Yes
None	-	32 (5.9%) Yes
No answer given	1 (20.0%)	-
6. Which codes are available /routinely used in your hospital for billing and reimbursement purposes?		
Codes available		
Nutrition Support	2 (40.0%) Yes	296 (54.5%) Yes

Oral nutrition supplements	2 (40.0%) Yes	219 (40.3%) Yes
Parenteral nutrition	2 (40.0%) Yes	349 (64.3%) Yes
Enteral nutrition	2 (40.0%) Yes	327 (60.2%) Yes
Dietary counseling	3 (60.0%) Yes	232 (42.7%) Yes
Specific dietary interventions	-	178 (32.8%) Yes
Screening for malnutrition	2 (40.0%) Yes	195 (35.9%) Yes
Risk of malnutrition	1 (20.0%) Yes	160 (29.5%) Yes
Malnutrition (in general)	2 (40.0%) Yes	262 (48.3%) Yes
Severity of malnutrition (i.e. mild, moderate, severe)	2 (40.0%) Yes	251 (46.2%) Yes
No information available from billing/finance/controlling	-	104 (19.2%) Yes
No answer given	-	-

Codes routinely used

Nutrition Support	2 (40.0%) Yes	264 (48.6%) Yes
Oral nutrition supplements	2 (40.0%) Yes	200 (36.8%) Yes
Parenteral nutrition	2 (40.0%) Yes	326 (60.0%) Yes
Enteral nutrition	2 (40.0%) Yes	310 (57.1%) Yes
Dietary counseling	3 (60.0%) Yes	208 (38.3%) Yes
Specific dietary interventions	-	160 (29.5%) Yes
Screening for malnutrition	2 (40.0%) Yes	162 (29.8%) Yes
Risk of malnutrition	1 (20.0%) Yes	138 (25.4%) Yes
Malnutrition (in general)	2 (40.0%) Yes	238 (43.8%) Yes
Severity of malnutrition (i.e. mild, moderate, severe)	2 (40.0%) Yes	218 (40.1%) Yes
No information available from billing/finance/controlling	-	115 (21.2%) Yes
No answer given	-	-

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

	YOUR RESULTS	REFERENCE RESULTS
Internal Medicine / General	1 (10.0%)	20.5%
Internal Medicine / Cardiology	1 (10.0%)	4.3%
Internal Medicine / Gastroenterology & hepatology	2 (20.0%)	7.6%
Internal Medicine / Geriatrics	-	9.5%
Internal Medicine / Infectious diseases	1 (10.0%)	0.5%
Internal Medicine / Nephrology	-	1.3%
Internal Medicine / Oncology (incl. radiotherapy)	1 (10.0%)	8.0%
Interdisciplinary	-	2.9%
Long term care	-	2.6%
Neurology	-	4.0%
Surgery / General	-	14.5%
Surgery/ Cardiac/Vascular/Thoracic	-	1.8%
Surgery / Neurosurgery	-	0.7%
Surgery / Orthopedic	1 (10.0%)	3.5%
Trauma	-	0.6%
Ear Nose Throat (ENT)	-	1.4%
Gynecology / Obstetrics	-	1.6%
Pediatrics	-	0.4%
Psychiatry	-	1.0%
Others	3 (30.0%)	13.2%
2. Number of registered inpatients at noon	20 [18-39]	24 [18-31]
3. Total bed capacity of the unit	84 [57-111]	29 [24-38]
4. Number of each type of staff in the unit for TODAY's morning shift		
Fully trained		
Medical doctors	24 [16-32]	3 [2-7]
Nurses	65 [48-83]	4 [3-7]
Nursing aides	30 [10-30]	2 [1-3]
Dieticians	7 [7-7]	1 [0-1]
Nutritionists	1 [1-1]	0 [0-1]
Administrative staff	6 [6-6]	1 [0-1]
Other staff involved in patient care	10 [10-10]	1 [0-3]
In training		
Medical doctors	0 [0-0]	1 [0-3]
Medical students	0 [0-0]	0 [0-2]
Nurses	0 [0-0]	1 [0-2]

Nursing aides	0 [0-0]	0 [0-1]
Dieticians	0 [0-0]	0 [0-0]
Nutritionists	0 [0-0]	0 [0-0]
Other staff involved in patient care	10 [8-10]	0 [0-0]

5. Is there a nutrition support team in your hospital available? 8 (100%) Yes 936 (81.4%) Yes

6. Does the unit have a nutrition care strategy? 8 (100%) Yes 890 (77.4%) Yes

7. Is there a person in your unit responsible for nutrition care? 8 (100%) Yes 831 (72.3%) Yes

8. Is there a dietician, nutritionist or dietetic assistant available for your unit? 8 (100%) Yes 1155 (90.1%) Yes

9. Is specific staff responsible for providing feeding assistance to patients during meal times? 7 (87.5%) Yes 662 (57.6%) Yes

10. How do you MAINLY screen/monitor patients for malnutrition?

At admission

No routine screening	-	101 (7.5%) Yes
No fixed criteria	-	13 (0.97%) Yes
Experience / visual assessment only	-	85 (6.3%) Yes
Weighing / BMI only	1 (10.0%) Yes	193 (14.3%) Yes
Nutritional Risk Screening (NRS) 2002	-	455 (33.8%) Yes
Malnutrition Universal Screening Tool (MUST)	1 (10.0%) Yes	86 (6.4%) Yes
Malnutrition Screening tool (MST)	-	94 (7.0%) Yes
SNAQ	1 (10.0%) Yes	27 (2.0%) Yes
Other formal tool	5 (50.0%) Yes	218 (16.2%) Yes
I do not know	-	10 (0.74%) Yes
Missing	2 (20.0%)	64 (4.8%)

During hospital stay

No routine monitoring	-	120 (8.9%) Yes
No fixed criteria	-	101 (7.5%) Yes
Experience / visual assessment only	-	212 (15.8%) Yes
Weighing / BMI only	1 (10.0%) Yes	438 (32.5%) Yes
Other formal tool	7 (70.0%) Yes	378 (28.1%) Yes
I do not know	-	33 (2.5%) Yes
Missing	2 (20.0%)	64 (4.8%)

11a. Do you routinely use guidelines or standards for nutrition care? 8 (100%) Yes 954 (85.2%) Yes

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

International guidelines	8 (100%) Yes	266 (27.9%) Yes
National guidelines	-	148 (15.5%) Yes
Standards on hospital level	-	355 (37.2%) Yes
Standards on unit level	-	58 (6.1%) Yes
Individual patient nutrition care plans	-	111 (11.6%) Yes
Other	-	8 (0.84%) Yes
Missing	-	8 (0.84%)

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

Watchful waiting	2 (20.0%) Yes	355 (26.4%) Yes
Discuss nutrition care activities during ward rounds	2 (20.0%) Yes	572 (42.5%) Yes
Develop an individual nutrition care plan	1 (10.0%) Yes	675 (50.1%) Yes
Initiate treatment / nutrition intervention	1 (10.0%) Yes	739 (54.9%) Yes
Consult a nutrition expert (dietician, nutritionist, etc.)	1 (10.0%) Yes	739 (54.9%) Yes
Consult a medical professional	2 (20.0%) Yes	472 (35.1%) Yes
Calculate energy requirements	1 (10.0%) Yes	593 (44.1%) Yes
Calculate protein requirements	1 (10.0%) Yes	574 (42.6%) Yes

Malnourished

Watchful waiting	1 (10.0%) Yes	252 (18.7%) Yes
Discuss nutrition care activities during ward rounds	2 (20.0%) Yes	614 (45.6%) Yes
Develop an individual nutrition care plan	1 (10.0%) Yes	739 (54.9%) Yes
Initiate treatment / nutrition intervention	1 (10.0%) Yes	797 (59.2%) Yes
Consult a nutrition expert (dietician, nutritionist, etc.)	1 (10.0%) Yes	729 (54.2%) Yes
Consult a medical professional	2 (20.0%) Yes	540 (40.1%) Yes
Calculate energy requirements	1 (10.0%) Yes	686 (51.0%) Yes
Calculate protein requirements	1 (10.0%) Yes	670 (49.8%) Yes

Every patient

Watchful waiting	7 (70.0%) Yes	668 (49.6%) Yes
Discuss nutrition care activities during ward rounds	7 (70.0%) Yes	331 (24.6%) Yes
Develop an individual nutrition care plan	7 (70.0%) Yes	220 (16.3%) Yes
Initiate treatment / nutrition intervention	7 (70.0%) Yes	173 (12.9%) Yes
Consult a nutrition expert (dietician, nutritionist, etc.)	8 (80.0%) Yes	256 (19.0%) Yes
Consult a medical professional	7 (70.0%) Yes	267 (19.8%) Yes
Calculate energy requirements	7 (70.0%) Yes	166 (12.3%) Yes
Calculate protein requirements	7 (70.0%) Yes	148 (11.0%) Yes

Never

Watchful waiting	-	95 (7.1%) Yes
------------------	---	---------------

Discuss nutrition care activities during ward rounds	-	58 (4.3%) Yes
Develop an individual nutrition care plan	-	40 (3.0%) Yes
Initiate treatment / nutrition intervention	-	22 (1.6%) Yes
Consult a nutrition expert (dietician, nutritionist, etc.)	-	20 (1.5%) Yes
Consult a medical professional	-	124 (9.2%) Yes
Calculate energy requirements	-	120 (8.9%) Yes
Calculate protein requirements	-	139 (10.3%) Yes

I do not know

Watchful waiting	-	70 (5.2%) Yes
Discuss nutrition care activities during ward rounds	-	49 (3.6%) Yes
Develop an individual nutrition care plan	-	43 (3.2%) Yes
Initiate treatment / nutrition intervention	-	37 (2.7%) Yes
Consult a nutrition expert (dietician, nutritionist, etc.)	-	39 (2.9%) Yes
Consult a medical professional	-	96 (7.1%) Yes
Calculate energy requirements	-	68 (5.1%) Yes
Calculate protein requirements	-	75 (5.6%) Yes

13. When do you routinely weigh your patients?

at admission	3 (30.0%) Yes	878 (65.2%) Yes
Within 24 hours	4 (40.0%) Yes	203 (15.1%) Yes
Within 48 hours	-	74 (5.5%) Yes
Within 72 hours	-	32 (2.4%) Yes
Every week	2 (20.0%) Yes	631 (46.9%) Yes
Occasionally	-	153 (11.4%) Yes
When requested	3 (30.0%) Yes	707 (52.5%) Yes
At discharge	1 (10.0%) Yes	65 (4.8%) Yes
Never	-	12 (0.89%) Yes
I do not know	-	8 (0.59%) Yes
No answer given	-	64 (4.8%)

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

Offer additional meals or in between snacks	8 (80.0%) Yes	1043 (77.5%) Yes
Offer meal choices	8 (80.0%) Yes	989 (73.5%) Yes
Offer different portion sizes	8 (80.0%) Yes	900 (66.9%) Yes
Consider food presentation	7 (70.0%) Yes	460 (34.2%) Yes
Change food texture/consistency as needed	8 (80.0%) Yes	1106 (82.2%) Yes
Consider patient problems with eating and drinking	8 (80.0%) Yes	1111 (82.5%) Yes
Ensure that mealtimes are undisturbed/protected mealtime policy	3 (30.0%) Yes	399 (29.6%) Yes
Promote positive eating environment	5 (50.0%) Yes	493 (36.6%) Yes
Consider cultural/religious preferences	8 (80.0%) Yes	999 (74.2%) Yes
Consider patient allergies / intolerances	8 (80.0%) Yes	1163 (86.4%) Yes
Other	1 (10.0%) Yes	101 (7.5%) Yes

I do not know	-	23 (1.7%) Yes
No answer given	2 (20.0%)	64 (4.8%)

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

Nutrition training is available	8 (80.0%) Yes	772 (57.4%) Yes
Reporting of nutrition related information to hospital managers	8 (80.0%) Yes	544 (40.4%) Yes
Quality indicators are recorded and reported to national or regional level	6 (60.0%) Yes	422 (31.4%) Yes
Quality indicators are used for internal benchmarking	8 (80.0%) Yes	494 (36.7%) Yes
Patient feedback about food and food service is collected using a questionnaire	7 (70.0%) Yes	805 (59.8%) Yes
None	-	38 (2.8%) Yes
I do not know	-	59 (4.4%) Yes
No answer given	2 (20.0%)	196 (14.6%)

16. At admission what is asked and documented?

Change in weight	8 (80.0%) Yes	985 (73.2%) Yes
Eating habits/difficulties	8 (80.0%) Yes	932 (69.2%) Yes
Nutrition before admission	8 (80.0%) Yes	746 (55.4%) Yes
None	-	20 (1.5%) Yes
I do not know	-	39 (2.9%) Yes
No answer given	2 (20.0%)	196 (14.6%)

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	8 (80.0%) Yes	965 (71.7%) Yes
nutrition treatment	6 (60.0%) Yes	759 (56.4%) Yes
None	-	53 (3.9%) Yes
I do not know	-	40 (3.0%) Yes

b. Discharge Letter ...

summarizes nutrition treatment received during stay	7 (70.0%) Yes	573 (42.6%) Yes
makes future nutrition-related recommendations	6 (60.0%) Yes	775 (57.6%) Yes
None	-	112 (8.3%) Yes
I do not know	-	136 (10.1%) Yes

18. Do you provide brochures about malnutrition to at risk/malnourished patients?	2 (28.6%) Yes	475 (44.9%) Yes
--	---------------	-----------------

19. Who filled in this sheet?

Head staff	-	369 (27.4%) Yes
Dietician	8 (80.0%) Yes	641 (47.6%) Yes
Nurse	-	339 (25.2%) Yes

Physician	-	140 (10.4%)	Yes
Administrative staff	-	22 (1.6%)	Yes
Other	-	87 (6.5%)	Yes
None	-	-	-
I do not know	-	16 (1.2%)	Yes

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

	YOUR RESULTS	REFERENCE RESULTS
Total	131	24938
Age	56 [46-67]	67 [52-79]
Female	53 (40.5%)	12350 (49.5%)
Weight	68.5±19.9	70.6±18.8
Height	162±8	166±10
BMI	25.5±5.4	25.6±5.9

1. This hospital admission was...

planned	77 (58.8%)	8897 (35.7%)
an emergency	54 (41.2%)	14095 (56.5%)
I do not know	-	1946 (7.8%)
No answer given	-	-

2a. Diagnosis at admission

0100 Infectious and parasitic diseases	6 (4.6%)	2401 (9.6%)
0200 Neoplasms	26 (19.8%)	4540 (18.2%)
0300 Blood and bloodforming organs and the immune mechanism	4 (3.1%)	1745 (7.0%)
0400 Endocrine, nutritional and metabolic diseases	24 (18.3%)	3135 (12.6%)
0500 Mental health	-	1229 (4.9%)
0600 Nervous system	10 (7.6%)	2384 (9.6%)
0700 Eye and adnexa	1 (0.76%)	314 (1.3%)
0800 Ear and mastoid process	-	143 (0.57%)
0900 Circulatory system	22 (16.8%)	5456 (21.9%)
1000 Respiratory system	22 (16.8%)	3828 (15.4%)
1100 Digestive system	8 (6.1%)	6160 (24.7%)
1200 Skin and subcutaneous tissue	2 (1.5%)	1185 (4.8%)
1300 Musculoskeletal system and connective tissue	21 (16.0%)	4086 (16.4%)
1400 Genitourinary system	8 (6.1%)	2781 (11.2%)
1500 Pregnancy, childbirth and the puerperium	-	294 (1.2%)
1600 Conditions originating in the perinatal period	-	55 (0.22%)
1700 Congenital/chromosomal abnormalities	-	57 (0.23%)
1800 Symptoms, signs, abnormal clinical/lab findings	3 (2.3%)	1374 (5.5%)
1900 Injury, poisoning	-	699 (2.8%)
2000 External causes of morbidity and mortality (e.g. transport accidents, assaults)	1 (0.76%)	760 (3.0%)
2100 Factors influencing health status and contact with health services	-	967 (3.9%)
No answer given	-	-

3. Which conditions/comorbidities does this patient have?

Cardiac insufficiency	32 (28.8%)	4815 (20.0%)
Myocardial infarction	11 (9.8%)	1295 (5.4%)
Chronic lung disease	22 (16.9%)	3095 (12.9%)
Cerebral vascular disease	9 (8.0%)	2104 (8.8%)
Peripheral vascular disease	-	2576 (10.7%)
Chronic liver disease	1 (0.90%)	1387 (5.8%)
Chronic kidney disease	9 (8.1%)	2780 (11.6%)
Diabetes	51 (41.8%)	5493 (22.8%)
Cancer	28 (24.8%)	5291 (22.0%)
Infection	10 (8.8%)	3401 (14.2%)
Dementia	-	1201 (5.0%)
Major depressive disorder	-	1146 (4.8%)
Other chronic mental disorder	-	1129 (4.7%)
Other chronic disease	16 (14.0%)	6182 (25.7%)
None	23 (17.6%)	4918 (19.7%)

4a. Previous operation during this hospital stay

Yes, planned	10 (7.6%)	4588 (18.4%)
Yes, acute	7 (5.3%)	1540 (6.2%)
No	114 (87.0%)	15619 (62.6%)
I do not know	-	235 (0.94%)
Missing	-	2956 (11.9%)

Days since operation	2 [1-6]	4 [1-13]
----------------------	---------	----------

4b. Planned operation during this hospital stay

Yes, today or tomorrow	42 (32.1%)	1928 (7.7%)
Yes, later	3 (2.3%)	1364 (5.5%)
No	85 (64.9%)	17466 (70.0%)
I do not know	-	777 (3.1%)
Missing	1 (0.76%)	3403 (13.6%)

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

27 (20.6%)	2367 (10.6%)
------------	--------------

6. Is this patient terminally ill?

41 (31.3%)	1518 (6.1%)
------------	-------------

7. Fluid status

Normal	126 (96.2%)	19053 (76.4%)
Overloaded	4 (3.1%)	1296 (5.2%)
Dehydrated	1 (0.76%)	1231 (4.9%)
I do not know	-	3358 (13.5%)
Missing	-	-

8. Number of different medications planned

Oral	4 [2-7]	5 [2-8]
Other	3 [1-6]	2 [1-4]

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

Malnourished	10 (7.6%)	3162 (12.7%)
At risk	51 (38.9%)	4616 (18.5%)
No	70 (53.4%)	15318 (61.4%)
I do not know	-	1842 (7.4%)
Missing	-	-

10. IV Fluids

Electrolyte solution (NaCl, Ringers lactate, etc)	103 (78.6%)	8176 (32.8%)
5% Glucose solution	5 (3.8%)	2128 (8.5%)

11. Number of ONS drinks planned

1 [0-3]	0 [0-0]
---------	---------

12. Nutrition intake

Regular hospital food	115 (87.8%)	15131 (60.7%)
Fortified/enriched hospital food	97 (74.0%)	3290 (13.2%)
Protein/energy supplement (e.g. ONS drinks)	63 (48.1%)	4070 (16.3%)
Enteral nutrition	6 (4.6%)	1106 (4.4%)
Parenteral nutrition	2 (1.5%)	1022 (4.1%)
Special diet	68 (51.9%)	7501 (30.1%)
None	-	982 (3.9%)

13a. All lines and Tubes

Central Venous	7 (5.3%)	2136 (9.6%)
Peripheral venous access	112 (85.5%)	11129 (49.9%)
Nasogastric	6 (4.6%)	528 (2.4%)
Nasojejunal	-	115 (0.52%)
Nasoduodenal	-	82 (0.37%)
Enterostoma	-	100 (0.45%)
Percutaneous endoscopy/surgical gastrostomy	-	216 (0.97%)
Percutaneous endoscopy/surgical jejunostomy	-	91 (0.41%)
None	15 (11.5%)	11685 (46.9%)

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

Yes, previously	4 (3.1%)	352 (1.4%)
Yes, ongoing	4 (3.1%)	210 (0.84%)
No	121 (92.4%)	18650 (74.8%)
I do not know	-	2030 (8.1%)
Missing	2 (1.5%)	3696 (14.8%)

14. Please indicate if any of the following was done for this patient since admission

Energy requirements were determined	124 (94.7%)	8591 (38.5%)
Protein requirements were determined	124 (94.7%)	7723 (34.6%)
Food/Nutrition intake was recorded in the patient record	128 (97.7%)	9521 (42.7%)
Nutrition treatment plan was developed	127 (96.9%)	8177 (36.6%)
Nutrition expert was consulted	129 (98.5%)	8667 (38.8%)
Malnutrition status is recorded in the patient record	113 (86.3%)	7448 (33.4%)
None	-	-

15a. Energy goal

< 500 kcal	1 (0.76%)	783 (3.1%)
500-999 kcal	-	194 (0.78%)
1000-1499 kcal	19 (14.5%)	1956 (7.8%)
1500-1999 kcal	90 (68.7%)	7632 (30.6%)
>=2000 kcal	20 (15.3%)	2380 (9.5%)
Not determined	1 (0.76%)	7419 (29.7%)
I do not know	-	1959 (7.9%)
Missing	-	2615 (10.5%)

15b. Energy intake

< 500 kcal	3 (2.3%)	1316 (5.3%)
500-999 kcal	8 (6.1%)	938 (3.8%)
1000-1499 kcal	15 (11.5%)	2996 (12.0%)
1500-1999 kcal	87 (66.4%)	5568 (22.3%)
>=2000 kcal	17 (13.0%)	1218 (4.9%)
Not determined	1 (0.76%)	7394 (29.6%)
I do not know	-	2893 (11.6%)
Missing	-	2615 (10.5%)

16. Since admission, this patient's health status has...

Improved	54 (41.2%)	11443 (45.9%)
Deteriorated	3 (2.3%)	1219 (4.9%)
Remained the same	47 (35.9%)	6079 (24.4%)
This patient has just been admitted	27 (20.6%)	1466 (5.9%)
I do not know	-	2116 (8.5%)
Missing	-	2615 (10.5%)

Length of hospital stay (days)	6 [4-11]	12 [6-23]
--------------------------------	----------	-----------

Outcome Code

1= Still in the hospital	1 (0.76%)	2515 (10.1%)
2= Transferred to another hospital	-	534 (2.1%)
3= Transferred to long term care	-	1049 (4.2%)

4= Rehabilitation	2 (1.5%)	871 (3.5%)
5= Discharged home	124 (94.7%)	18594 (74.6%)
6= Death	3 (2.3%)	785 (3.1%)
7= Others	1 (0.76%)	410 (1.6%)
Missing	-	180 (0.72%)

Readmitted since ND

1= No	124 (96.1%)	16760 (76.8%)
2= Yes, same hospital planned	2 (1.6%)	1458 (6.7%)
3= Yes, same hospital unplanned	-	1363 (6.2%)
4= Yes, different hospital planned	-	114 (0.52%)
5= Yes, different hospital unplanned	-	114 (0.52%)
6= Unknown	-	481 (2.2%)
Missing	1 (0.78%)	1471 (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	84 (65.1%)	15402 (63.5%)
I am vegetarian	28 (21.7%)	445 (1.8%)
I adhere to a vegan diet	1 (0.78%)	160 (0.66%)
I eat gluten-free diet	-	204 (0.84%)
I avoid added sugars	23 (17.8%)	3626 (14.9%)
I avoid carbohydrates	20 (15.5%)	1383 (5.7%)
I eat a low fat-diet	17 (13.2%)	2463 (10.2%)
I am lactose intolerant	-	809 (3.3%)
Other special diet due to intolerances/allergies	2 (1.6%)	416 (1.7%)
Other	8 (6.2%)	1608 (6.6%)
No answer given	-	2801 (11.5%)
2. Where did you live before your current hospital admission?		
At home	118 (91.5%)	19123 (78.8%)
In a nursing home or other live-in facility	-	762 (3.1%)
I was transferred from another hospital	11 (8.5%)	1370 (5.6%)
Other	-	330 (1.4%)
Missing	-	2674 (11.0%)
3. In general, are you able to walk?		
Yes	97 (75.2%)	13831 (57.0%)
Yes, with someone's help	25 (19.4%)	2252 (9.3%)
Yes, independently using a cane, walker, or crutches	2 (1.6%)	3228 (13.3%)
No, I have a wheelchair	3 (2.3%)	852 (3.5%)
No, I am bedridden	2 (1.6%)	1317 (5.4%)
Missing	-	2779 (11.5%)
4. In general, how would you say your health is?		
Very good	11 (8.5%)	1712 (7.1%)
Good	76 (58.9%)	7821 (32.2%)
Fair	26 (20.2%)	8148 (33.6%)
Poor	15 (11.6%)	3099 (12.8%)
Very poor	1 (0.78%)	710 (2.9%)
Missing	-	2769 (11.4%)
5. Over the last 12 months prior to your current hospital admission approximately...		
... how many times have you seen a doctor?	2 [0-3]	5 [2-10]
... how many times have you been admitted to the hospital (Emergency room, any ward)?	0 [0-1]	1 [0-2]

... how many nights in total have you spent in hospital?	0 [0-2]	6 [0-16]
--	---------	----------

6. How many different medications do you take routinely each day (prior to hospitalisation)?

1-2	48 (37.2%)	4416 (18.2%)
3-5	35 (27.1%)	5773 (23.8%)
More than 5	12 (9.3%)	6835 (28.2%)
None	34 (26.4%)	3630 (15.0%)
I do not know	-	820 (3.4%)
Missing	-	2785 (11.5%)

7. Do you have health insurance?

Yes, private insurance only	46 (35.7%)	3823 (15.8%)
Yes, public insurance only	17 (13.2%)	11203 (46.2%)
Yes, both	14 (10.9%)	2662 (11.0%)
None	51 (39.5%)	2485 (10.2%)
I prefer not to answer	-	986 (4.1%)
Missing	1 (0.78%)	3100 (12.8%)

8. What was your weight 5 years ago?	65 [58-75]	72 [62-85]
---	------------	------------

I do not know	36 (27.9%)	5440 (22.4%)
---------------	------------	--------------

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

Yes, intentionally	6 (4.7%)	2202 (9.1%)
Yes, unintentionally	36 (27.9%)	9411 (38.8%)
No, my weight stayed the same	63 (48.8%)	7247 (29.9%)
No, I gained weight	17 (13.2%)	2760 (11.4%)
I do not know	6 (4.7%)	2195 (9.0%)
Missing	1 (0.78%)	444 (1.8%)

9b. If yes, how many kg did you lose?	5 [4-5]	6 [4-10]
--	---------	----------

I do not know	5 (11.9%)	1851 (15.9%)
---------------	-----------	--------------

10. Did you know about your hospitalisation two days before admission? (Yes)	75 (60.0%)	8227 (39.7%)
---	------------	--------------

11. Please indicate if you ...

... were weighed at admission	111 (86.7%)	12540 (58.3%)
... were informed about your nutrition status	127 (99.2%)	7803 (36.5%)
... were informed about nutrition care options	126 (97.7%)	7174 (33.6%)
... received special nutrition care	113 (89.7%)	6955 (32.7%)

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

More than normal	14 (10.9%)	1099 (4.5%)
Normal	88 (68.2%)	14509 (60.0%)

About 3/4 of normal	12 (9.3%)	2651 (11.0%)
About half of normal	10 (7.8%)	3062 (12.7%)
About a quarter to nearly nothing	4 (3.1%)	2263 (9.4%)
I do not know	1 (0.78%)	231 (0.96%)
Missing	-	362 (1.5%)

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

Very satisfied	54 (41.9%)	5394 (22.3%)
Somewhat satisfied	44 (34.1%)	7204 (29.8%)
Neutral	30 (23.3%)	4214 (17.4%)
Dissatisfied	-	1854 (7.7%)
Very dissatisfied	1 (0.78%)	673 (2.8%)
I do not know	-	1694 (7.0%)
Missing	-	3144 (13.0%)

14. Did you get any help with eating TODAY?

Yes, from family or friends	44 (34.1%)	2177 (9.0%)
Yes, from hospital staff	34 (26.4%)	1475 (6.1%)
No	50 (38.8%)	16830 (69.6%)
I do not know	1 (0.78%)	282 (1.2%)
Missing	-	3413 (14.1%)

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

109 (86.5%) 15256 (74.7%)

16a. Please indicate how much hospital food you ate for lunch or dinner TODAY:

About all	88 (68.2%)	11133 (46.0%)
1/2	33 (25.6%)	6143 (25.4%)
1/4	5 (3.9%)	3103 (12.8%)
Nothing	3 (2.3%)	2802 (11.6%)
Missing	-	996 (4.1%)

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

Standard	103 (79.8%)	13732 (56.8%)
Smaller	18 (14.0%)	2093 (8.7%)
Larger	2 (1.6%)	1046 (4.3%)
I do not know	2 (1.6%)	2302 (9.5%)
Missing	4 (3.1%)	5004 (20.7%)

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

I did not like the type of food offered	2 (4.9%)	1945 (16.1%)
I did not like the smell/taste of the food	-	1480 (12.3%)
The food did not fit my cultural/religious preferences	1 (2.4%)	127 (1.1%)
The food was too hot	-	54 (0.45%)

The food was too cold	-	281 (2.3%)
Due to food allergy/intolerance	-	105 (0.87%)
I was not hungry at that time	11 (26.8%)	1991 (16.5%)
I do not have my usual appetite	24 (58.5%)	3586 (29.8%)
I have problems chewing/swallowing	3 (7.3%)	716 (5.9%)
I normally eat less than what was served	4 (9.8%)	1383 (11.5%)
I had nausea/vomiting	10 (24.4%)	984 (8.2%)
I was too tired	4 (9.8%)	740 (6.1%)
I cannot eat without help	1 (2.4%)	191 (1.6%)
I was not allowed to eat	1 (2.4%)	1088 (9.0%)
I had an exam, surgery, or test and missed my meal	-	733 (6.1%)
I did not get requested food	-	124 (1.0%)
No answer given	11 (26.8%)	1823 (15.1%)

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

Water	7 [6-10]	3 [2-6]
Tea	2 [2-2]	1 [0-3]
Coffee	0 [0-1]	1 [1-2]
Milk	2 [1-2]	1 [0-1]
Fruit juice	0 [0-1]	1 [0-2]
Soft drinks	0 [0-0]	0 [0-1]
Nutrition drink	1 [0-4]	0 [0-1]
Other	0 [0-1]	0 [0-1]

19a. Did you eat any food apart from hospital food TODAY?	19 (16.0%)	5831 (29.2%)
--	------------	--------------

19b. If yes, what did you eat?

Sweet snacks	-	1820 (31.2%)
Salty snacks	-	645 (11.1%)
Homemade food	6 (31.6%)	896 (15.4%)
Fruits	14 (73.7%)	2357 (40.4%)
Dairy products	1 (5.3%)	686 (11.8%)
Food delivered/restaurant	-	272 (4.7%)
Sandwich	2 (10.5%)	347 (6.0%)
Other	-	795 (13.6%)

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

Increased	36 (27.9%)	3329 (13.8%)
Decreased	17 (13.2%)	6808 (28.2%)
Stayed the same	74 (57.4%)	9055 (37.5%)
I do not know	1 (0.78%)	1479 (6.1%)
Missing	1 (0.78%)	3506 (14.5%)

21. TODAY I feel...

Stronger than at admission	43 (33.3%)	10558 (43.7%)
Weaker than at admission	4 (3.1%)	4610 (19.1%)
Same as at admission	51 (39.5%)	6833 (28.3%)
I was admitted today	30 (23.3%)	576 (2.4%)
I do not know	-	1178 (4.9%)
Missing	1 (0.78%)	422 (1.7%)

22. Can you walk without assistance TODAY?

Yes	85 (65.9%)	14229 (58.9%)
No, only with assistance	31 (24.0%)	5989 (24.8%)
No, I stay in bed	13 (10.1%)	2912 (12.0%)
Missing	-	1047 (4.3%)

23. Did anyone help you complete this questionnaire?	88 (68.8%)	13801 (65.2%)
---	-------------------	----------------------

	YOUR RESULTS	REFERENCE RESULTS
1. Are you COVID-19 positive TODAY?		
Yes	22 (16.8%)	-
No	109 (83.2%)	-
I do not know	-	-
Missing	-	-
2. Have you been tested COVID-19 positive in the last:		
0-3 months	52 (39.7%)	-
3-6 months	1 (0.76%)	-
6-12 months	-	-
>1 year	1 (0.76%)	-
never	48 (36.6%)	-
I do not know	-	-
Missing	29 (22.1%)	-
3. Have you been hospitalized during your COVID-19 infection?		
Yes	23 (17.6%)	-
No	108 (82.4%)	-
I do not know	-	-
Missing	-	-