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Kudde Gesondheids Verslag / Herd Health Report

VOORBERG GEVANGENIS

VOORBERG
PRIVATE BAG X2
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Test-day: 2025-09-01

Holstein Cows

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HERD HEALTH SUMMARY REPORT

VOORBERG GEVANGENIS - Holstein Cows

Table 1: Summary for Test-day 2025-09-01 (Number of Samples Tested: 69)

Analysis	Results	Norms*	% Cows outside norms*
Milk Production (kg)	Avg.: 21.0 Median: 20.0		
Butterfat (%)	Avg.: 3.46 Median: 3.31	3.5 % - 6.0 %	Too Low: 59 % Too High: 0 %
Protein (%)	Avg.: 3.42 Median: 3.36	3.0 % - 4.5 %	Too Low: 9 % Too High: 0 %
Lactose (%)	Avg.: 4.47 Median: 4.47	> 4.7 %	Too Low: 87 %
MUN (mg/dl)	Avg.: 5.86 Median: 5.90	8 - 16 mg/dl	Too Low: 91 % Too High: 0 %
SCC (x1000/ml)	Avg.: 184 Median: 47 % < 100 : 60.9 % % < 200 : 84.1 % % < 500 : 92.8 % % > 750 : 4.3 % % > 1 000 : 2.9 % % > 1 500 : 2.9 %	< 200 > 64 % > 75 % > 92 % < 4.8 % < 1 % NONE	Too High: 3.1 % Too High: 0 % Too High: 0 % Too High: 0 % Too High: 1.9 % Too High: 2.9 %
Butterfat Protein ratio	Average: 1.0	> 1.0	Too High: 53.6 %

Table 2: Quantification of Specific Cases (% of herd) and Loss in Production on 2025-09-01

Loss in Production due to:		Avg/Median SCC (Number (n)):	
SSC (kg per day):	58.0 (4.0 %)	1st Lact Cows:	145/33 (23)
DIM (kg per day):	647.2 (44.7 %)	2nd Lact Cows:	411/69 (11)
No. of Cows Under Pressure:	4 (5.8 %)	3rd Lact Cows:	151/107 (19)
No. Cows with SCC > 200k:	11 (15.9 %)	4th Lact Cows:	84/47 (7)
No. Cows with SCC > 750k:	3 (4.3 %)	5th Lact Cows:	197/142 (6)
No. New Infections:	9 (13.0 %)	6+ Lact Cows:	76/38 (3)
No. Recurring Infections:	0 (0.0 %)	Avg. SCC for SCC > 750k (n):	2037 (3)
Cure Rate for SCC > 200k:	36.4 % (4)	Avg. Days In Milk (DIM) for Herd:	302
Cure Rate for SCC > 750k:	50.0 % (1)	Median of DIM for Herd:	227
No. Chronic Infections (SCC > 200k):	2 (2.9 %)	Avg. DIM for SCC < 200k (n):	301 (58)
No. Chronic Infections (SCC > 750k):	1 (1.4 %)	Avg. DIM for SCC > 200k and < 750k (n):	284 (8)
No. of Possible Ketosis Cases:	0	Avg. DIM for SCC > 750k (n):	362 (3)
No. of Possible Acidosis Cases:	37	Avg. Parity for Herd:	3
Avg. Age at First Calf (Months):	28	Avg. Parity for SCC < 200k:	3
Avg. Inter-Calf Period (Days):	559	Avg. Parity for SCC > 200k and < 750k:	3
No. Flushings:	NA	Avg. Parity for SCC > 750k:	2
No. Embrios:	NA		

Table 3: Benchmark: Herd with the Top 25%, Average and Bottom 25% for different traits tested the last month of for Holstein Cows

	Milk Production (kg)	Butterfat (%)	Protein (%)	Lactose (%)	SCC (x1000/ml)	MUN (mg/dl)
Herd	21.0	3.46	3.42	4.47	184	5.86
Top 25%	39.1	4.89	3.77	4.84	49	13.33
Breed Avg	32.2	4.26	3.51	4.66	304	9.95
Bottom 25%	24.9	3.66	3.25	4.55	266	7.00

*** PLEASE CONSULT YOUR VETERINARIAN, PROFESSIONAL ANIMAL SCIENTIST or LogixMilk TECHNICAL ADVISOR for the interpretation of these results and professional advisory services.**

Table 4: Summary of Somatic Cell Counts per Lactation Group in the herd for 69 Holstein Cows

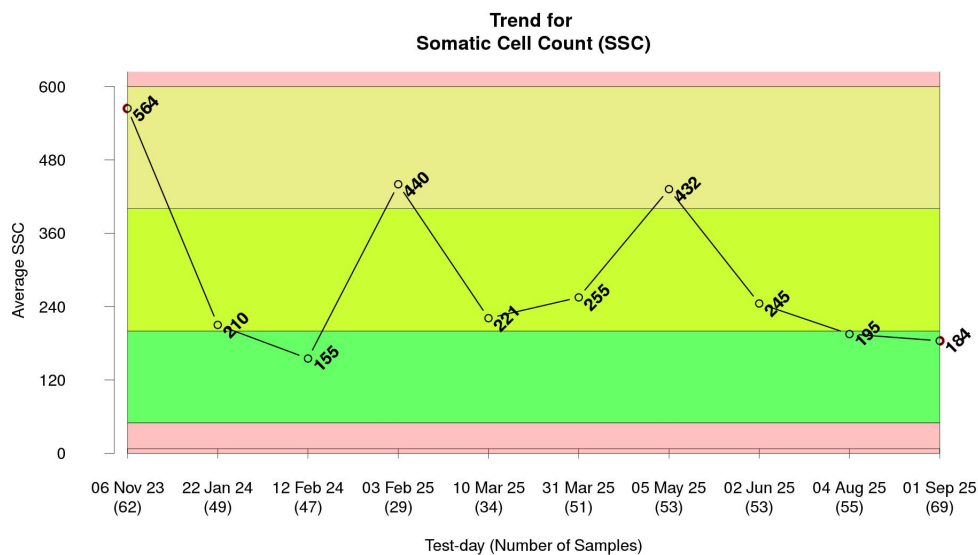
Lactation Group	% of Herd	Early Lactation	Mid Lactation	Late Lactation	% SCC > 200k	% SCC > 750k
1	33.3% (23)	7.2% (5)	11.6% (8)	14.5% (10)	4.3% (3)	1.4% (1)
2	15.9% (11)	0.0% (0)	8.7% (6)	7.2% (5)	4.3% (3)	1.4% (1)
3	27.5% (19)	0.0% (0)	4.3% (3)	23.2% (16)	4.3% (3)	1.4% (1)
4	10.1% (7)	0.0% (0)	4.3% (3)	5.8% (4)	1.4% (1)	0.0% (0)
5	8.7% (6)	1.4% (1)	1.4% (1)	5.8% (4)	1.4% (1)	0.0% (0)
6+	4.3% (3)	0.0% (0)	2.9% (2)	1.4% (1)	0.0% (0)	0.0% (0)
Herd	99.8% (69)	8.6% (6)	33.2% (23)	57.9% (40)	15.7% (11)	4.2% (3)

Table 5: Somatic Cell Count (SCC) Analysis: Percentage (Number) of Cows within Stage of Lactation and Lactation Group for SCC > 200k and SCC > 750k for 69 Holstein Cows

Lactation Group	Early Lactation		Mid Lactation		Late Lactation	
	% SCC > 200k	% SCC > 750k	% SCC > 200k	% SCC > 750k	% SCC > 200k	% SCC > 750k
1	0.0% (0)	0.0% (0)	12.5% (1)	0.0% (0)	20.0% (2)	10.0% (1)
2	0% (0)	0% (0)	33.3% (2)	16.7% (1)	20.0% (1)	0.0% (0)
3	0% (0)	0% (0)	0.0% (0)	0.0% (0)	18.8% (3)	6.2% (1)
4	0% (0)	0% (0)	0.0% (0)	0.0% (0)	25.0% (1)	0.0% (0)
5	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	25.0% (1)	0.0% (0)
6+	0% (0)	0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)

Table 6: Bulk Tank Results for 2025-09-01 (Number of Samples Tested: 0)

Tank No	Butterfat (%)	Protein (%)	Lactose (%)	SCC (x1000/ml)	MUN (mg/dl)	pH
Calculated Tank	3.41	3.38	4.47	172	6	

**Figure 1:** Somatic Cell Count (SCC) Trend

The average Somatic Cell Count (SCC) and the trend over time is shown in the graph. The ideal is a herd with an average count of less than 200 000. A higher SCC results in lower milk production and possible udder infection. If animals with high SCC can be identified early, they can be treated in time, thereby preventing production loss and permanent udder damage resulting in lower herd life.

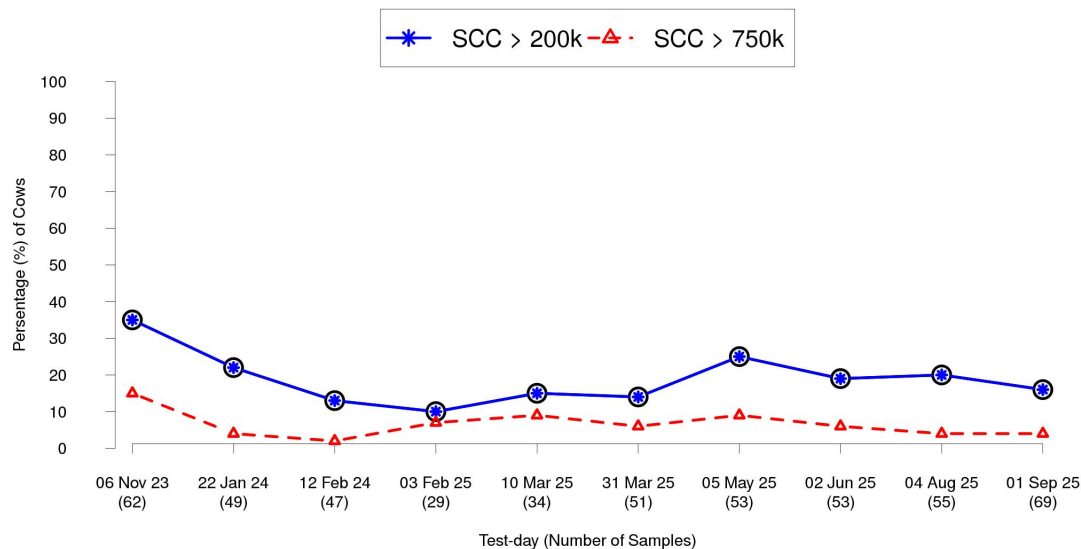


Figure 2: Percentage (%) of Cows with Somatic Cell Counts (SCC) more than 200k and 750k, respectively, per Test-day

The graph presents the trend of the % of cows with Somatic Cell Counts (SCC) more then 200k and 500k, respectively. The ideal is to have as few cows as possible with a SCC of more than 200K and none with a SCC of more than 750k.

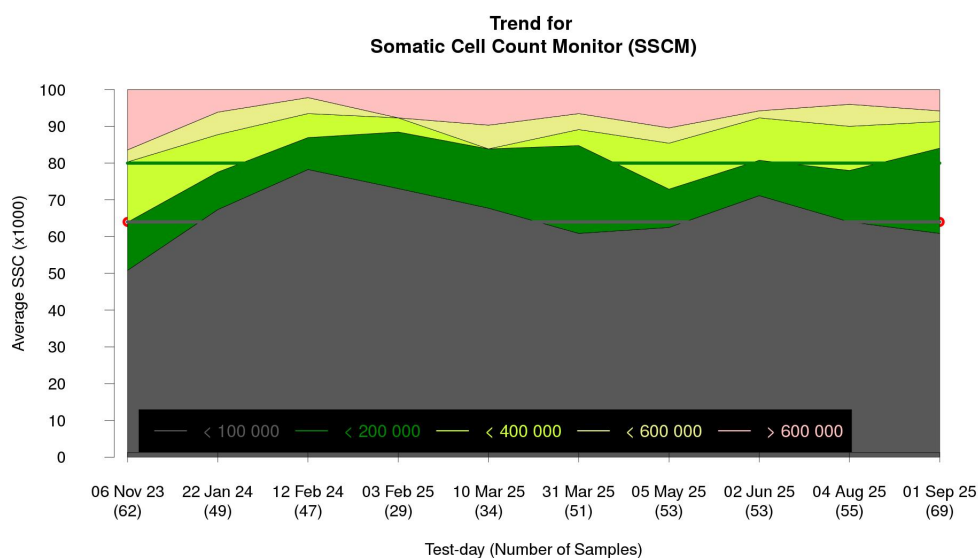


Figure 3: Somatic Cell Count (SCC) Monitor Trend

The graph shows the percentage of cows within certain Somatic Cell Count (SCC) levels. Ideally, at least 64% of the cows of a herd should have a SCC of less than 100 000 and 80% a SCC of less than 250 000. The danger zone is indicated in red, where ideally no cows should be indicated.

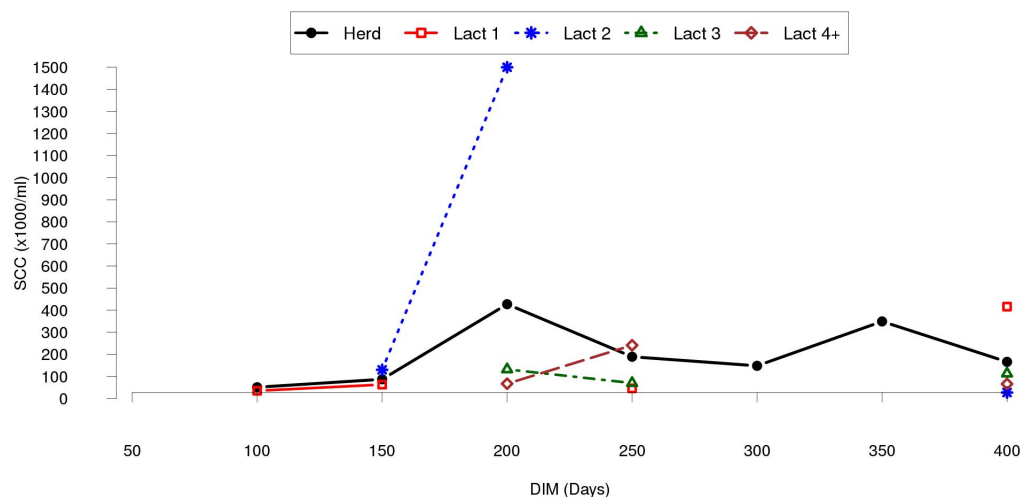


Figure 4: Average Somatic Cell Counts (SCC, x1000/ml) per Day In Milk (DIM)

This graph indicates the average Somatic Cell Counts (SCC, x1000/ml) per day in milk (DIM) for the complete herd, as well as for Lactation 1, 2, 3 and 4+ cows, separately.

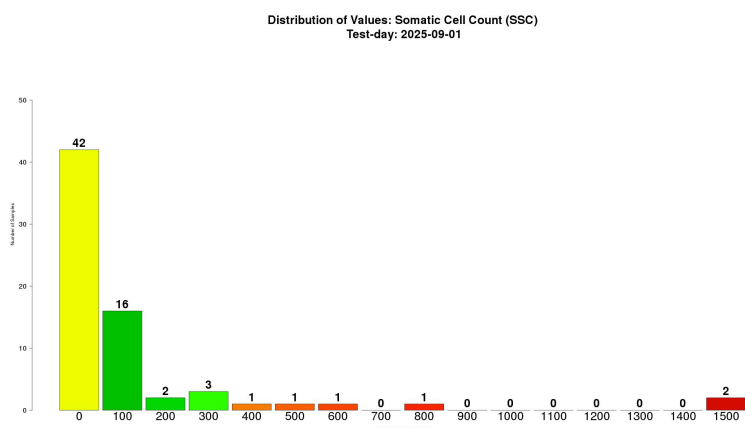


Figure 5: Somatic Cell Count (SCC) Distribution for Test-day (2025-09-01)

The graph depicts the number of animals within certain levels of Somatic Cell Counts (SCC). If the cows with SCCs higher than 600 000 can be identified early, they can be treated or even culled from the herd, preventing economic losses due to penalties paid for high SCCs in the milk.

Table 7: Somatic Cell Count (SSC) distribution and Milk Loss Monitor 2025-09-01

SSC Levels	< 100k	100k - 200k	200k - 500k	500k - 800k	800k - 1 500k	> 1 500k
Number Cows	42	16	6	2	1	2
% Cows	60.9 %	23.2 %	8.7 %	2.9 %	1.4 %	2.9 %
Milk Quality	Excellent	Very Good	Needs Improvement	Poor	Serious	BAD
% Milk Loss	< 2 %	2 - 4 %	4 - 8 %	8 - 10 %	10 - 35 %	> 35 %
% Quarters Infected	< 1 %	1 - 6 %	6 - 16 %	16 - 26 %	26 - 48 %	> 48 %

The average Somatic Cell Count (SCC) on 2025-09-01 for the herd, was 184 000. This figure places the herd in the "Light Green" SCC Zone and the milk quality is Very Good. Milk loss due to SCC is between 2 and 4 %.

Udder Health: You do not have a major mastitis problem but there may be problems with individual cows. Assess your mastitis control procedures.

Table 8: Cows Under Pressure (SCC > 500k and Lactose % < 4.6)

Cow ID	Name	SCC	Lactose %	DIM	Parity	Production
PE054	PE 054 ECOVID	3208	4.33	163	2	17
PE024	ELLIS	2042	4.38	578	1	16
PB008	BACCA	613	4.54	202	5	21
PE005	ERICA	508	4.34	237	2	18

Table 9: Cows with Somatic Cell Counts > 200k (Status: N=New -, C=Chronic -, R=Recurring - and CR=Chronic and Recurring Infections)

Cow ID	Name	SCC 2025-09-01	SCC 2025-08-04	SCC 2025-06-02	Production	DIM	Parity	Status
PE054	PE 054 ECOVID	3208	-	29	17	163	2	N
PE024	ELLIS	2042	3004	2277	16	578	1	C
PC051	COCONUT	861	-	77	36	344	3	N
PB008	BACCA	613	1509	3097	21	202	5	C
PE005	ERICA	508	-	244	18	237	2	N
PB054	BIKITA	479	508	187	12	489	3	N
PF018	FEBS	338	140	63	20	377	1	N
PG005	GAYTON	319	284	-	16	141	1	N
PE044	PE044 EDGE	317	273	-	23	139	2	N
PB012	BOLIVIA PB012	270	298	-	20	392	3	N
PC038	CHINA	250	421	68	18	297	4	N

Table 10: Possible Ketosis Cases; Cows under 100 days in milk (Prot. Fat Ratio < 0.68 for Jerseys and < 0.74 for other Breeds)

Cow ID	Name	Production	DIM	Parity	Prot % to Fat %	Breed
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Table 11: Possible Acidosis Cases (Protein % > Butterfat %)

Cow ID	Name	Production	DIM	Parity	Prot % to Fat %
PF016	FLINK	17	390	1	1.24
PF027	PF027 FIX	16	323	1	1.22
PF018	FEBS	20	377	1	1.22
PD032	PD032 DAVID	14	257	1	1.20
PC051	COCONUT	36	344	3	1.17
PF023	FOX	20	145	1	1.15
BRICS	PB029 BRICS	33	491	4	1.13
EMA	PE014	21	438	2	1.13
PF014	PREEZ	16	120	1	1.13
PC042	COX	28	500	3	1.11
PC021	CANNY	28	764	3	1.11
PC007	CHARMA	28	163	3	1.11
PF021	FLIPPY	16	91	1	1.11
PB045	BERLIN	21	162	3	1.10
PE064	PE064 EBONY	16	233	1	1.09
PF022	PF022 FLOWERS	18	386	1	1.08
PC038	CHINA	18	297	4	1.08
PG023	GANJA	17	65	1	1.08
PB008	BACCA	21	202	5	1.08
PG006	GERALDO	17	130	1	1.07
PG005	GAYTON	16	141	1	1.07
PD007	DINAH	26	215	3	1.07
PG024	GENESIS	19	81	1	1.07
PC014	CARNEY	12	781	3	1.06
PZ005ZETA	PZ005 ZETA	26	164	7	1.06
PD031	DIMPO	28	110	2	1.06
PG008	GTI	17	105	1	1.05
PC024	CAMRY	16	441	3	1.05
PA006	ANAH	25	139	5	1.05
PD016	DIPSY	24	715	2	1.04
PG004	GYFY	18	122	1	1.04
PE001	EASY	30	147	2	1.04
PC035	CHELSEA	33	645	3	1.02
PG015	GEELY	18	90	1	1.02
PB005	BETTY	30	87	5	1.02
PF009	FELIX	31	494	1	1.01
PD035	DON	19	453	2	1.00

Table 12: Dry Cows with a Dry Period more than 55 Days

Cow ID	Name	Breed	Last ICP	Avg. ICP	No. ICPs	Days Since Last Calf	Days Open
ZAJG180007	BELLS	HST	-	-	-	1518	1172
PC008	CANOLA	HST	349	349	1	1132	861
ZAJG180014	BRANDY PB023	HST	738	738	1	877	647
PC005	CANDY	HST	377	377	1	967	647
PB036	BELVA	HST	661	661	1	998	647
PY900	YOYO PY 009	HST	631	522	4	907	634
PY014	YEBO PY 014	HST	838	574	4	755	536
ZAJG180004	BERYL	HST	374	410	3	759	536
ZAJG170010	ANDRE	HST	613	515	3	783	536
ZAJG140003	PX014 XEROX	HST	487	511	5	855	536
ZAJG210007	EFF	HST	-	-	-	727	536
PA004ADEL	PA004 ADEL	HST	448	499	3	881	536

Table 13: Cows with an active Inter-Calving Period (ICP) > 400 days

Cow ID	Name	Breed	Last ICP	Avg. ICP	No. ICPs	Days Since Last Calf	Production
ZAJG180007	BELLS	HST	-	-	-	1518	-
PC008	CANOLA	HST	349	349	1	1132	-
PB036	BELVA	HST	661	661	1	998	-
PC005	CANDY	HST	377	377	1	967	-
PY900	YOYO PY 009	HST	631	522	4	907	-
PA004ADEL	PA004 ADEL	HST	448	499	3	881	-
ZAJG180014	BRANDY PB023	HST	738	738	1	877	-
ZAJG140003	PX014 XEROX	HST	487	511	5	855	-
ZAJG180002	BELINDA	HST	522	444	2	811	18
ZAJG170010	ANDRE	HST	613	515	3	783	-
ZAJG190009	CARNEY	HST	349	302	2	780	12
ZAJG190014	CANNY	HST	377	362	2	763	28
ZAJG180004	BERYL	HST	374	410	3	759	-
PY014	YEBO PY 014	HST	838	574	4	755	-
PC020	CARBY	HST	604	604	1	754	-
PA042	AMOS	HST	668	722	2	749	-
ZAJG200020	PD033 DRE	HST	-	-	-	741	-
ZAJG210007	EFF	HST	-	-	-	727	-
PD016	DIPSY	HST	438	438	1	714	24
ZAJG190026	CARRA	HST	483	483	1	684	-
ZAJG160004	PZ007ZOLA	HST	485	480	4	648	-
PC035	CHELSEA	HST	324	343	2	644	33
ZAJG160016	PZ041 ZOLANI	HST	500	466	4	633	-
PU035	USAIN	HST	1530	677	5	622	-
ZAJG150056	YIELD PY056	HST	542	441	5	591	15
PC023	CYREL	HST	550	439	2	590	12
ZAJG210008	ELLIS	HST	-	-	-	577	16
ZAJG180012	BONNY	HST	390	406	2	547	20
PC018	CRISTY	HST	594	480	2	501	25
ZAJG190023	COX	HST	339	424	2	499	28
PF009	FELIX	HST	-	-	-	493	31
ZAJG180016	PB029 BRICS	HST	396	368	3	490	33
ZAJG170012	AVANGER	HST	448	448	4	490	23
PB054	BIKITA	HST	735	548	2	488	12
ZAJG200002	DOLLY	HST	344	406	2	481	-
ZAJG210013	EURO	HST	349	349	1	477	-
BIBI	PB030 BIBI	HST	681	577	2	464	-
PD035	DON	HST	340	340	1	452	19
PC024	CAMRY	HST	352	442	2	440	16
ZAJG210006	PE014	HST	-	-	-	437	21
ZAJG220013	FREDA	HST	-	-	-	437	19
ZAJG190008	CARLA	HST	452	525	2	433	17