

Members Present:	Cates, Canter, Chapes, Heinrich, Larson, Mailey, Nutsch, Rosenkranz, van der Merwe,
Not Present:	Fund Hauh Heu Kastner McElroy Montelone Renter Rockler
Guests:	
MPH Office Staff:	Choma, Stevenson

Dr. Cates called the meeting to order at 2:34 PM. There was not a quorum for the meeting.

Approval of minutes

The minutes from the November 11, 2013 meeting were not approved due to the lack of a quorum. The program director will request a vote of the members during the next week.

Discussion / Action Items Program Related Items

The main focus of the meeting and discussion was on the Curriculum Committee Report and Recommendations (Attachment 1) for the Food Safety and Biosecurity emphasis area along with three core courses. The committee members explained their methodology and how they derived their findings. The committee reviewed each course syllabi for the emphasis area and made recommendations to eliminate the courses no longer offered and others which do not appear to adequately reinforce public health competencies.

Dr. Cates reminded the group of the timeline to get curricular changes approved for Fall 2014. It would be best to have our proposal to the Graduate Council for their Academic Affairs Committee meeting February 18 (deadline of February 10 for agenda item). It is also possible, but not recommended by the Graduate School staff, to make the deadline if we delay our proposal until their March meeting (deadline March 10).

The group recommended that the program director coordinate with the Food Safety/Biosecurity members of the curriculum committee, to draft a proposal which the MPH Faculty Advisory Council can consider at its January meeting.

A suggestion from the committee was to correct some of our handouts/literature with "Student Learning Outcomes and Competencies" (not Objectives). The program office will do that as soon as possible.

There was some discussion about dropping the word "Biosecurity" from the Food Safety and Biosecurity area of emphasis. At this point, no recommendation or decision was made.

The group discussed some points about the possibility of students completing the FSB emphasis all online:

- The MPH is <u>not</u> an online degree program, although some courses are taken online.
- The FSB emphasis has more online offerings then the other emphasis areas.
- Online degrees have different CEPH requirements, and we currently do not meet them.

- At some point, students will need to come to campus to complete the remainder of their course work and present their field experience and culminating project.
- Information on the website needs to reflect more strongly that it is not an online degree. The program office will do that immediately.

Information Items

- Dr. Canter informed the group that there is a proposed 500-level undergraduate class in healthcare administration, which would eliminate the need for some undergraduates to take the graduate MPH / HMD 720 class.
- Attachment 2. MPH Faculty-Major Professor / Committee Membership / Certificate Advising
- Meeting adjourned at 3:34 PM

• Future Meetings

Generally, 2nd Wednesday of the Month, 10:30 AM to Noon

Day	Time	Place
8-Jan	10:30 AM	Union Rm 209
12-Feb	10:30 AM	Coles 343
12-Mar	10:30 AM	Union Rm 209
9-Apr	10:30 AM	Coles 343
14-May	10:30 AM	Union Rm 209
11-Jun	10:30 AM	Mosier N202

Attachment 1. Curriculum Committee Report

25 November 2013

Michael B. Cates, DVM, MPH, DACVPM Director, Master of Public Health Program James B. Nichols Professor of Veterinary Medicine Kansas State University 311 Trotter Hall Manhattan, Kansas 66506



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MPH curriculum committee report regarding FS&B emphasis area and three core courses

Dear Dr. Cates,

During November 2013, the MPH curriculum committee conducted a review of the Food Safety and Biosecurity (FS&B) emphasis area, as well as three "core courses." The committee reviewed course syllabi and stated programmatic competencies. Here are our observations and recommendations:

- The following courses are not offered and, therefore, should be removed from the MPH and Graduate School websites, catalogs, and other literature, including the FS&B course checklist:
 - FDSCI 915 Food Toxicology
 - DMP 845 Food Safety Risk Analysis
 - DMP 835 Food Safety Policy and Politics
 - o DMP 875 Food Safety, Trade, Law, and Regulation
 - o DMP 858 Food Safety Culture and Communication
 - FDSCI 607 Food Microbiology
- Please note that the Statistics Department has combined STAT 704 and 705, hereto forward offering just one 3-credit class, STAT 705; this change should be reflected in all programmatic literature and course checklist documents.
- We recommend augmenting the existing FS&B MPH courses (including, but not limited to, FDSCI 730) with new public health-related course content.
- The curriculum committee agrees, in principle, that the MPH program should continue to be made available to off-campus distance students; however, we suggest that Director Cates and the MPH Faculty Council confer in early 2014 about distance-related MPH course capacity as well as messaging/communication/advertising regarding the MPH program as a "distance" program. That meeting could also include strategic discussions about broadening the FS&B student base to K-State Olathe. We also recommend reflection on the rationale for various section (A or ZA, and in the future, OA) designations. In addition, we encourage the MPH program leadership to reflect on which semester(s) online courses ought to be offered (to be of most benefit to students).

- Regarding FDSCI 730 A Multidisciplinary Overview of Food Safety and Security, we recommend the following:
 - o Consider incorporating the words "public health" into the course title.
 - o Consider removing the word "security" from the course title.
- The curriculum committee advises re-visiting the title for the FS&B emphasis area (including the contested term "biosecurity"; do we still want to call the emphasis area "Food Safety and Biosecurity?"
- The curriculum committee recognizes the need for a new seminar/course focused on food safety, including the following courses and seminars proposed or being developed by K-State Olathe's Dr. Sara Gragg:
 - FDSCI 630 Prb/Food Production: Politics and Policy
 - FDSCI 961 Prb/Food Safety Journal Club
- In addition (or in lieu of) asking course instructors to document, in their syllabi, how their course content meets MPH core competencies, the curriculum committee suggests creating (for each emphasis area) separate web-posted statements, entitled "Summary of how the MPH FS&B/IDZ/PHN/PHPA courses meet core public health competencies."
- The curriculum committee members reviewed course syllabi and the following table from Page 63 (Criterion 2) of the September 2013 self-study report, and discussed whether or not changes were warranted:

MPH Emphasis: Food Safety and Biosecurity	Required -	4 hrs	0	cou	ect i	_	Ξ.	course – z hrs	Ξ.	course – 3	9	our		to s	_	(cour	lect se -		Elective courses – Select any remaining hrs needed from the previous courses or the following list.														
Competencies and Courses P=Primary Course R=Reinforcing Course (See key below for complete list of course titles.)	FDSCI 730	FDSCI 731	FDSCI 600	FDSCI 607	FDSCI 750	FDSCI 915	FDSCI 690	FDSCI 791	DMP 845	DMP 855	DMP 816	DMP 835	DMP 844	DMP 875	DMP 888	DMP 815	DMP 858	MC 750	MC 760	AGEC 710	AGEC 805	AGEC 810	DMP 880	FDSCI 695	FDSCI 727	FDSCI 728	FDSCI 501	FDSCI 751	FDSCI 753	FDSCI 810	FDSCI 815	FDSCI 820		STAT 705
Food safety and biosecurity	Р	Р	Р	Р	Р	Р																		R	R	R	R	R	R		R	R		
Threats to the food system	Р	Р					Р	Р															R											
Risk assessment and management	Р	Р							Р	Р													R					R	R				R	R
Food safety policy and the global food system	Р	Р									Р	Р	Р	Р	Р					R	R	R						R	R					
Effective communication	Р	Р														Р	Р	Р	Р				R											

- The committee recommends that the faculty advisory council revisit the groupings of the overall courses/hours needed for the FS&B emphasis area requirements.
- For FDSCI 730, we recommend changing competencies #4 (food safety policy and the global food system) and #5 (effective communication) to R (reinforcing course) designations.
- For FDSCI 731, we recommend changing competencies #4 (food safety policy and the global food system) and #5 (effective communication) to R (reinforcing course) designations.
- For both FDSCI 600 and (the former) FDSCI 607, we recommend an R (reinforcing course) designation for competency #2 (threats to the food system).

- We also recommend adding FDSCI 601 (food microbiology laboratory) to the FS&B elective course menu.
- For FDSCI 750, we recommend adding the R (reinforcing course) designation for competency #2 (threats to the food system).
- As we indicated earlier, FDSCI 915 is no longer offered and should be excised from the table.
- For FDSCI 690 and FDSCI 791, we have several comments:
 - The curriculum committee encourages the MPH director to be mindful of course-capacity challenges arising in FDSCI 690 (HACCP) and, to a lesser degree, FDSCI 791 (offered every other semester); should the MPH program continue to heavily rely on these courses, the MPH director should not assume that MPH students will continue to have easy enrollment access to these two classes.
 - In addition, we find it impractical that FDSCI 690 (HACCP) and FDSCI 791 (advanced HACCP) be offered as the sole two choices for the same column grouping (see the table on Page 63/Criterion 2) because FDSCI 690 is a prerequisite for FDSCI 791.
 - For FDSCI 690, we recommend adding an R (reinforcing course) designation for competency #1 (food safety and biosecurity) and a P (primary course) designation for competency #3 (risk assessment and management)
 - For FDSCI 791, we recommend adding an R (reinforcing course) designation for competency #1 (food safety and biosecurity), a P (primary course) designation for competency #3 (risk assessment and management), and an R (reinforcing course) designation for competency #4 (food safety policy and the global food system)
- As we indicated earlier, DMP 845 is no longer offered and should be excised from the table
- For DMP 855, we recommend adding an R (reinforcing course) designation for competency #1 (food safety and biosecurity).
- For DMP 816, we recommend adding an R (reinforcing course) designation for competency #1 (food safety and biosecurity).
- The committee also suggests changing the awkward title of DMP 816, and removing the term "agricultural health," which does not clearly communicate that the course is about food safety, animal disease, and the global trading system.
- As we indicated earlier, DMP 835 is not offered and should be excised from the table.
- For DMP 844, we recommend adding an R (reinforcing course) designation for competency #1 (food safety and biosecurity) and competency #2 (threats to the food system).
- As we indicated earlier, DMP 875 is not offered and should be excised from the table.
- With respect to DMP 888, we believe the course is merely an R for competencies #1 and #4. Therefore, we recommend that the MPH faculty advisory council enter into discussions regarding (a) DMP 888's role as an elective.
- For DMP 815, the committee recommends no changes.
- As we indicated earlier, DMP 858 is not offered and should be excised from the table.
- For MC 750, we recommend no changes.
- For MC 760 (which is incorrectly listed, and should be listed as MC 740), we recommend adding an R (reinforcing course) designation for competency #3 (risk assessment and management)

- For AGEC 710, AGEC 805, and AGEC 810, we recommend eliminating them from the elective pool; they are not sufficiently tied to food safety or public health (despite touching on international trade)
- For DMP 880, we recommend it be listed as an R (reinforcing course) for competency #5 (effective communication) but no longer for competencies #2 and #3. We also recommend some of DMP 880's content be used in a cross-cutting student development course.
- For FDSCI 695, we recommend adding an R (reinforcing course) designation for competency #2 (threats to the food system).
- For FDSCI 501, 727, 728, 810, and 815 we recommend eliminating them from the elective pool altogether because they are not sufficiently related.
- For FDSCI 751, which is taught at Iowa State University, is part of the AgIDEA program; we recommend removing the R designation from competency #3.
- For FDSCI 753, which is taught at Iowa State University, is part of the AgIDEA program; we recommend upgrading the "R" to a "P" designation for competency #3 (while still keeping the course as an elective, because it is not at K-State).
- For FDSCI 820, which is taught at the University of Missouri, is part of the AgIDEA program; we recommend adding an R designation for competency #2.
- For STAT 704 and 705, we recommend retaining them as electives for FS&B; however, the reason is not that they fulfill FS&B competencies but because they reinforce the core competencies.
- Finally, the curriculum committee believes it would be worthwhile for the MPH director
 to appoint a special task force (or graduate student) to "mine" various colleges and
 departments for potential/candidate Food Safety and Biosecurity courses; we recognize
 that our review was limited to (a) courses already included in the MPH program and, to
 a degree, (b) "in-development" courses of which we just happen to be aware. It is quite
 possible that other "food safety" and "food biosecurity" courses exist on the K-State
 campus.

In addition to the FS&B emphasis area courses, we also conducted a review of three MPH-wide core courses:

- Regarding (core course) KIN/MPH 818, the following questions and observations were raised:
 - According to our public "Student Learning Objectives and Competencies" document (which, by the way, we believe should be titled "Student Learning Outcomes and Competencies"—or just "Student Learning Competencies"), the following "Social and Behavioral Sciences" outcomes/objectives for KIN 818 is listed:
 - Identify basic theories, concepts, and models from a range of social and behavioral disciplines that are used in public health intervention and policies
 - 2. Identify the causes of social and behavioral factors that affect the health of individuals and populations with specific emphasis on underserved populations.

We note that both outcomes/objectives/competencies are indeed addressed by the syllabus.

 Once the MPH program leadership receives the CEPH accreditation report, we might consider adding a "health disparities" competency/outcome to page 2 of the KIN/MPH 818 syllabus; we do believe that module 8 does indeed address "health disparities."

- Regarding (core course) HMD/MPH 720, the following observations were made:
 - We note that both of the "Health Services Administration" competencies/outcomes (listed on the Student Learning Objectives and Competencies" document) are indeed addressed in HMD 720's syllabus.
- Regarding (core course) STAT/MPH 701, the committee notes that this course has been revised and, therefore, should be subject to curriculum committee review in, say, Fall 2014 (perhaps as part of another emphasis area's curriculum review). An important issue to address is whether MPH 701 will be regularly offered by distance (and on what terms).

Respectfully submitted,

Justin Kastner, PhD Bob L. Larson, DVM, PhD Mary McElroy, PhD Abbey Nutsch, PhD Richard Rosenkranz, PhD

Food Safety and Biosecurity - Required and Elective Courses

Requirem Credit Hou		Select from these C	ourses
Required	4 hours	FDSCI 730	Multidisciplinary Overview of Food Safety and Security (2 hrs)
courses	4 110013	FDSCI 731	Food Protection and Defense – Essential Concepts (2 hrs)
		FDSCI 600	Microbiology of Food (2 hrs) (online version of FDSCI 607)
Select 1	2-4 hours	OR FDSCI 607	Food Microbiology (4 hrs) Not offered
course	2-4 Hours	FDSCI 750	Food Toxicants (2 hrs) (online)
		OR FDSCI 915	Food Toxicology (2 hrs) (odd years) Not offered
Select 1	2 hours	FDSCI 690	Principles of HACCP (2 hrs) (online + in class)
course	2 110013	FDSCI 791	Advanced Applications of HACCP Principles (2 hrs) (odd years)
Select 1	3 hours	DMP 845	Food Safety Risk Analysis (3 hrs) (online) Not offered
course	3 110013	DMP 855	Disease Detection, Surveillance, and Risk Assessment (3 hrs)
		DMP 816	Trade and Agricultural Health (2 hrs) (online)
Select 1 to 3		DMP 835	Food Safety Policy and Politics (3 hrs) Not offered
courses	3-6 hours	DMP 844	Global Health Issues (3 hrs) (online + May Intersession)
courses		DMP 875	Food Safety, Trade, Law, and Regulation (3 hrs) Not offered
		DMP 888	Globalization, Cooperation, and Food Trade (1) (online)
		DMP 815	Multidisciplinary Thought and Presentation (3 hrs)
Select 1	3 hours	DMP 858	Food Safety Culture and Communication (2 hrs) (online) Not offered
course	3 110013	MC 750	Strategic Health Communication (3 hrs) (alternate years)
		MC 760	Communication and Risk (3 hrs) (alternate years)
		AGEC 710	Comparative Food and Agriculture Systems (3 hrs) (online) Remove
		AGEC 805	Agricultural Marketing (3 hrs) (online + in class) Remove
		AGEC 810	Price, Income, and Trade Policies in Agriculture (3 hrs) Remove
		DMP 880	Seminar: Scholarship in a Busy Age (2 hrs) (online)
Elective comme		FDSCI 501	Food Chemistry (3 hrs)
Elective courses		FDSCI 601	Food Microbiology Lab (2 hrs)
Select any remaining		FDSCI 695	Quality Assurance of Food Products (3 hrs) (online + in class)
hours needed	0-4 hours	FDSCI 727	Chemical Methods of Food Analysis (2 hrs) Remove
from above or	0-4 110013	FDSCI 728	Physical Methods of Food Analysis (2 hrs) Remove
the following		FDSCI 751	Food Laws and the Regulatory Process (2 hrs)
list.		FDSCI 753	Risk Assessment for Food, Ag & Vet Med (3 hrs)
		FDSCI 810	Fermented Foods (2 hrs) (online) Remove
		FDSCI 815	Advanced Food Chemistry (3 hrs) (online + in class)-Remove
		FDSCI 820	Advanced Food Microbiology & Biotechnology (2 hrs) (online summer odd yrs)
		STAT 704	Analysis of Variance (2 hrs) (online + in class)
		STAT 705	Regression and Correlation Analysis (2 hrs) (online + in class)
		STAT 705	New course "Regression and Analysis of Variance" for 3 hours Effective 2014

General Comment:

According to our public "Student Learning Objectives and Competencies" document (which, by the way, we believe should be titled "Student Learning *Outcomes* and Competencies"—or just "Student Learning Competencies").

Comments/Recommendations/Suggestions:

- We recommend augmenting the existing FS&B MPH courses (including, but not limited to, FDSCI 730) with new public health-related course content.
- The curriculum committee agrees, in principle that the MPH program should continue to be made available to off-campus distance students; however, we suggest that Director Cates and the MPH Faculty Council confer in early 2014 about distance-related MPH course capacity as well as messaging/communication/advertising regarding the MPH program as a "distance" program. That meeting could also include strategic discussions about broadening the FS&B student base to K-State Olathe. We also recommend reflection on the rationale for various section (A or ZA, and in the future, OA) designations. In addition, we encourage the MPH program leadership to reflect on which semester(s) online courses ought to be offered (to be of most benefit to students).

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MPH Emphasis: Food Safety and Biosecurity	Requ			ours	ect 2 se – hrs		со	ect 1 urse 2 hrs	со	ect 1 urse 3 hrs		cour		to 3 – 3-6		Sel	ect 1	L cou hrs	rse – 3	E	lectiv	e cou	irses -	- Sele	ct any		_	hrs nowing		d fron	n the	previ	ous co	urses	or
Competencies and Courses P=Primary Course R=Reinforcing Course	FDSCI 730	FDSCI 731	FDSCI 600	FDSCI 607	FDSCI 750	FDSCI 915	FDSCI 690	FDSCI 791	DMP 845	DMP 855	DMP 816	DIMP 835	DMP 844	DIMP 875	DMP 888	DMP 815	DMP 858		MC 760 is correct – MC 740 is a Colloquium)	AGEC 710	AGEC 805	AGEC 810	DMP 880	FDSCI 601 (Add)	FDSCI 695	FDSCI 727	FDSCI 728	FDSCI 501	FDSCI 751	FDSCI 753	FDSCI 810	FDSCI 815	FDSCI 820	STAT 704	STAT 705 New course
Food safety and biosecurity	Р	Р	Р	Þ	Р	Þ	R	R		R	R		R		R									R	R	R	R	R	R	R		R	R		
2. Threats to the food system	Р	Р	R		R		Р	Р					R										R	R	R								R		l Core
3. Risk assessment and management	Р	Р					Р	Р	Þ	Р													R						R	R P				R	s MPPH etencie
4. Food safety policy and the global food system	P R	P R						R			Р	₽	Р	Þ	P R					R	R	R							R	R					Reinforces
5. Effective communication	P R	P R														Р	Þ	Р	Р				R												

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One suggestion:

MPH Emphasis: Food Safety and Biosecurity	Required – 4 hrs		Select 3-6 courses – Minimum 6 hrs							ct 1-2 ses – um 2 hrs		ct 1-2 co Iinimum		Elective courses – Select any remaining hrs needed from the previous courses or the following list.							
Competencies and Courses P=Primary Course R=Reinforcing Course	FDSCI 730	FDSCI 731	FDSCI 600	FDSCI 750	FDSCI 753	FDSCI 690	FDSCI 791	DMP 855	DMP 816	DMP 844	DMP 815	MC 750	MC 760	DMP 880	DMP 888	FDSCI 601	FDSCI 695	FDSCI 751	FDSCI 820	STAT 705	
1. Food safety and biosecurity	Р	Р	Р	Р	R	R	R	R	R	R					R	R	R	R	R	- Si	
2. Threats to the food system	Р	Р	R	R		Р	Р			R						R	R		R	MPPH	
3. Risk assessment and management	Р	Р			Р	Р	Р	Р												rces l	
4. Food safety policy and the global food system	R	R			R		R		Р	Р					R			R		einfo ore Cc	
5. Effective communication	R	R									Р	Р	Р	R						ğ 0	

Attachment 2. MPH Faculty - Major Professor / Committee Membership / Certificate Advising

			Graduates		Current Stud			
Faculty Name	Dept	Major Professor	Committee Membership	Graduate Total	Major Prof / Advisor	Committee Membership	Current Total	Grand Total
Brannon, Laura	PSYCH	0	0	0	0	0	0	0
Canter, Deb	HMD	0	4	4	0	3	3	7
Cates, Mike	DMP	10	5	15	20	7	27	42
Chamber, Edgar	HN	0	0	0	0	0	0	0
Chapes, Keith	BIOL	1	0	1	1	0	1	2
Chengappa, M.M.	DMP	0	0	0	3	0	3	3
Cohnstaedt, Lee	ENTO	0	0	0	0	0	0	0
Dzewaltowski, David	KIN	5	4	9	2	2	4	13
Fung, Dan	ASI	4	0	4	0	0	0	4
Galitzer, Stephen		0	1	1	0	0	0	1
Ganta, Roman	DMP	0	1	1	1	0	1	2
Getty, Kelly	ASI	0	0	0	1	0	1	1
Gordon, Joye	JOURN	0	0	0	0	0	0	0
Gould, Rebecca	HMD	0	1	1	0	0	0	1
Grunewald, Katharine	HN	0	0	0	0	0	0	0
Hanlon, Cathy	DMP	1	2	3	2	2	4	7
Haub, Mark	HN	3	8	11	2	0	2	13
Heinrich, Katie	KIN	6	4	10	1	2	3	13
Higgins, Mary	HN	2	0	2	1	0	1	3
Hsu, Wei-Wen	STAT	0	0	0	0	0	0	0
Irwin, Brandon	KIN	0	0	0	0	0	0	0
Kastner, Curtis	ASI	0	0	0	0	0	0	0
Kastner, Justin	DMP	7	17	24	1	9	10	34
Kidd, Tanda	HN	2	3	5	0	1	1	6
KuKanich, Kate	CS	2	2	4	1	1	2	6
Larson, Bob	CS	7	12	19	7	6	13	32
Lindshield, Brian	HN	0	0	0	0	1	1	1
Mailey, Emily	KIN	0	2	2	0	0	0	2
Marsden, James	ASI	0	1	1	0	0	0	1
McElroy, Mary	KIN	3	8	11	3	0	3	14
Montelone, Beth	BIOL	2	2	4	0	0	0	4
Mosier, Derek	DMP	6	6	12	1	4	5	17
Muturi, Nancy	JOURN	0	1	1	0	0	0	1
Nagaraja, TG	DMP	1	2	3	4	3	7	10
Naryanan, Sanjeev	DMP	2	5	7	1	1	2	9
Nguyen, Annelise	DMP	2	2	4	0	0	0	4
Nutsch, Abbey	ASI	3	10	13	4	3	7	20
Oberst, Dick	DMP	0	1	1	1	0	1	2
Payne, Pat	DMP	5	8	13	1	3	4	17

Peters, Paula	HN	1	3	4	0	1	1	5
Phebus, Randy	ASI	0	1	1	0	0	0	1
Procter, Sandy	HN	5	5	10	1	1	2	12
Raghavan, Ram	DMP	0	0	0	0	0	0	0
Renberg, Walter	CS	2	1	3	0	0	0	3
Renter, Dave	DMP	3	10	13	4	4	8	21
Retzlaff, Deanna	ASI	1	0	1	0	0	0	1
Rosenkranz, Ric	HN	2	4	6	5	5	10	16
Rosenkranz, Sara	HN	0	1	1	1	1	2	3
Sanderson, Mike	DMP	5	9	14	3	2	5	19
Scott, Morgan	DMP	1	0	1	1	0	1	2
Smith, Scott	ASI	0	1	1	0	0	0	1
Tazi, Loubna	BIOL	0	0	0	0	0	0	0
van der Merwe, Deon	DMP	1	6	7	4	0	4	11
Wang, George	HN	0	2	2	1	0	1	3
Wilkerson, Melinda	DMP	0	1	1	1	2	3	4
Zurek, Ludek	ENTO	0	0	0	0	0	0	0