

## **Addendum for**

# **FSIS Nationwide Beef and Veal Carcass Microbiological Baseline Survey (BVCBS) Study Design and Sampling Plan**

**September 2014**

### Introduction

FSIS concluded the shakedown phase of the BVCBS and as normal procedure, evaluated the existing conditions at the beginning of the actual survey. The result of this review showed that in the last year a number of establishments had production volumes that changed and now they should be in a different stratum or establishments have stopped production so they should no longer be in the frame. To adjust for these new conditions, FSIS has slightly modified the original sampling frame and restructured the original sampling plan. These changes aim at maintaining approximately the same number of total samples and do not compromise the precision of the estimations.

The following table shows the new sampling plan for the survey.

Strata	% of Total Production	Eligible Plants	Plants to Sample	Eligible Plants Sampled (%)	Frequency of Events per Month(*)	Samples per Plant per Year	Samples per Year per Stratum	Allocation of Samples/Strata	
<b>BEEF</b>									
1 (>1,000,000)	57.8%	12	12	100%	2	48	576	22.1%	
2 (100,000 - 1M)	37.4%	32	32	100%	4/3	32	1,024	39.3%	
3 (1,000 - 100,000)	4.8%	140	84	60%	1/2	12	1,008	38.6%	
Beef Totals	100%	185	<b>128</b>				<b>2,608</b>	100.0%	
<b>VEAL</b>									
1 (> 10,000)	80%	11	11	100%	2	48	528	100.0%	
Veal Totals			<b>11</b>				<b>528</b>	100.0%	
Total Samples							<b>3,136</b>		

(\*) For beef and veal, an event is a visit to an establishment regardless of strata (establishment size) to collect two samples (one at post-hide removal/pre-evisceration and one at pre-chill).