Intel® Teach to the Future*: Essentials Course July 1-September 30 (Q3), 2005 International Summary Report

Master and Participant Teacher

End-of-Training Survey

2005 Survey Edition

*Intel Teach to the Future is now referred to as the Intel® Teach Program

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Background: Respondents

- 106,653 educators took the 2005 version of End of Training Survey in Q3 of 2005.
- The sample includes 11,420 Master Teachers and 95,117 Participant Teachers.
- The responses are from the following 19 countries:

APAC

1. Australia (910)
2. China (79,294)
3. India (5,995)
4. Japan (566)
5. Korea (2,145)
6. Pakistan (2,337)
7. Taiwan (1,329)
8. Thailand (1,972)

EMEA

1. Egypt (406)
2. Italy (534)
3. Jordan (1,331)
4. Russia (1,872)
5. S. Africa (24)
6. Ukraine (293)

LAR

1. Brazil (2,721)
2. Chile (305)
3. Costa Rica (243)
4. Mexico (2,305)

USA

1. United States (2,071)

NOTE: New editions of both the Training and Impact surveys were introduced early this year. These slides present Q3-2005 data from countries who used the new edition of the Training Survey (2005).

Background: APAC and China

- The number of respondents from China this quarter was 79,294 which is 74% of all the responses received in Q3.
- In order to get an accurate picture of the regional variations in the training survey results, EDC separated China from APAC. In this report, all slides showing regional data present APAC (without China) followed by China's data in a separate column.

Highlights: Teacher Background

- **Years of teaching experience**: About half of the respondents (52.9%) have been educators for over 10 years. Link to data
- **Prior experience with technology:** Overall, there continues to be an even spread of experience with technology among respondents. About a third each describe themselves as new or novice technology users (32.3%), intermediate users (36.4%), or experienced users (31.3%). Link to data
- **Regional variations**: There are noticeable regional variations among the respondents in their experience with technology: Link to data
  - Excluding China's data, 51.6% of respondents in APAC had no prior experience.
  - The majority of the respondents from China were at the intermediate (39.9%) or advanced (31.5%) levels of prior experience.
  - 40.8% of EMEA respondents indicated no prior experience using technology.
  - In LAR the majority (41.1%) of the respondents were at the intermediate level.

Highlights: Teacher Preparedness

- **Perceived competence after the training**: Majority of respondents feel "moderately" or "very well prepared" across all five indicators. But patterns emerge within and among regions. Link to data
  - Within region: respondents indicate higher levels of preparedness to address technology integration (into their teaching and student use) than to support student-centered teaching (independent student work and alignment to curriculum).
  - Among regions: US respondents indicate the highest levels of preparedness followed by LAR and APAC (without China). The largest share of respondents in EMEA and China indicate moderate preparedness on all five indicators.

Highlights: Trainer Quality

- This quarter there is less regional variation on impressions of trainer quality. A majority of respondents in each region report that their trainers were “very successful” in guiding them through creation of unit plans (52.2% - 82.9%) and engaging them in group discussions about teaching (51.2% - 75.7%). Link to data
- Last quarter, a majority of the respondents from EMEA indicated that their trainer did both tasks “adequately.” In other regions a majority of respondents reported their trainings were “very successful.”
- This change is likely due to shifts in the mix of countries submitting data each quarter, and variations in country sample sizes.

Survey Findings

Q3-2005

End-of-Training Survey

2005 Survey Edition

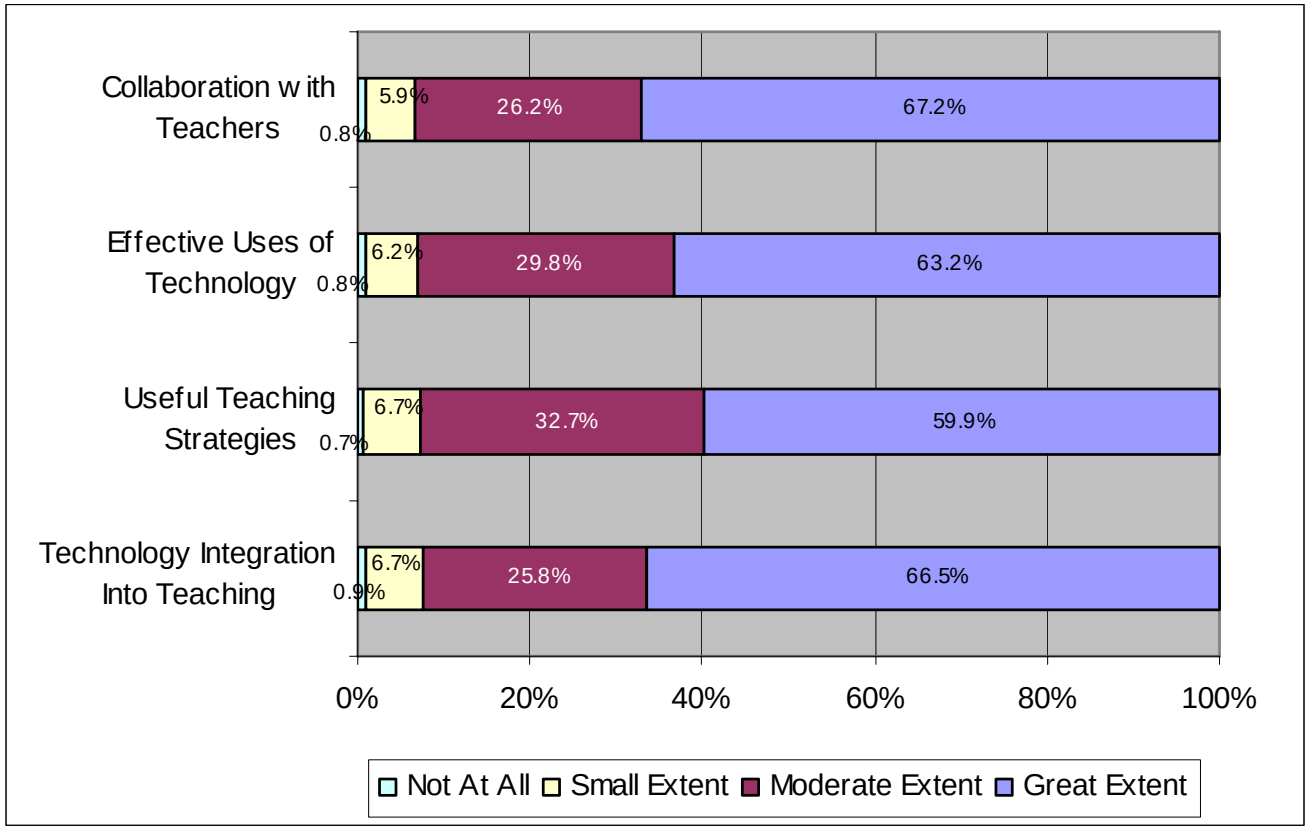
Teacher Description of Training:

Training provided...

Questions 2a-d
Link to survey

Q3, 2005
Overall

Total: ~106,563



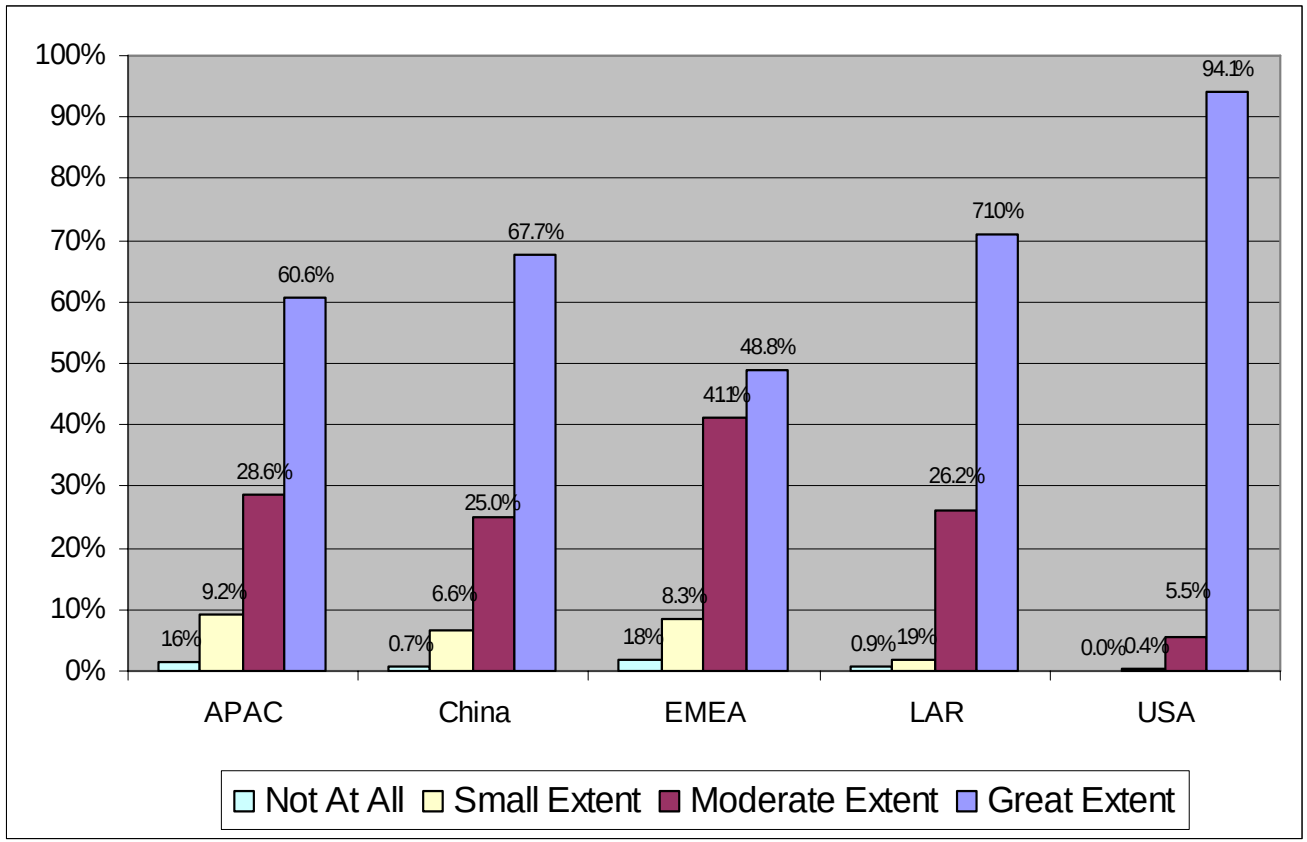
Teacher Description of Training:

Training Focused on Integration of Technology into Teaching

Question 2a
Link to survey

Q3, 2005
By Region

APAC=15,184
China=79,294
EMEA=4,460
LAR=5,574
USA=2,051



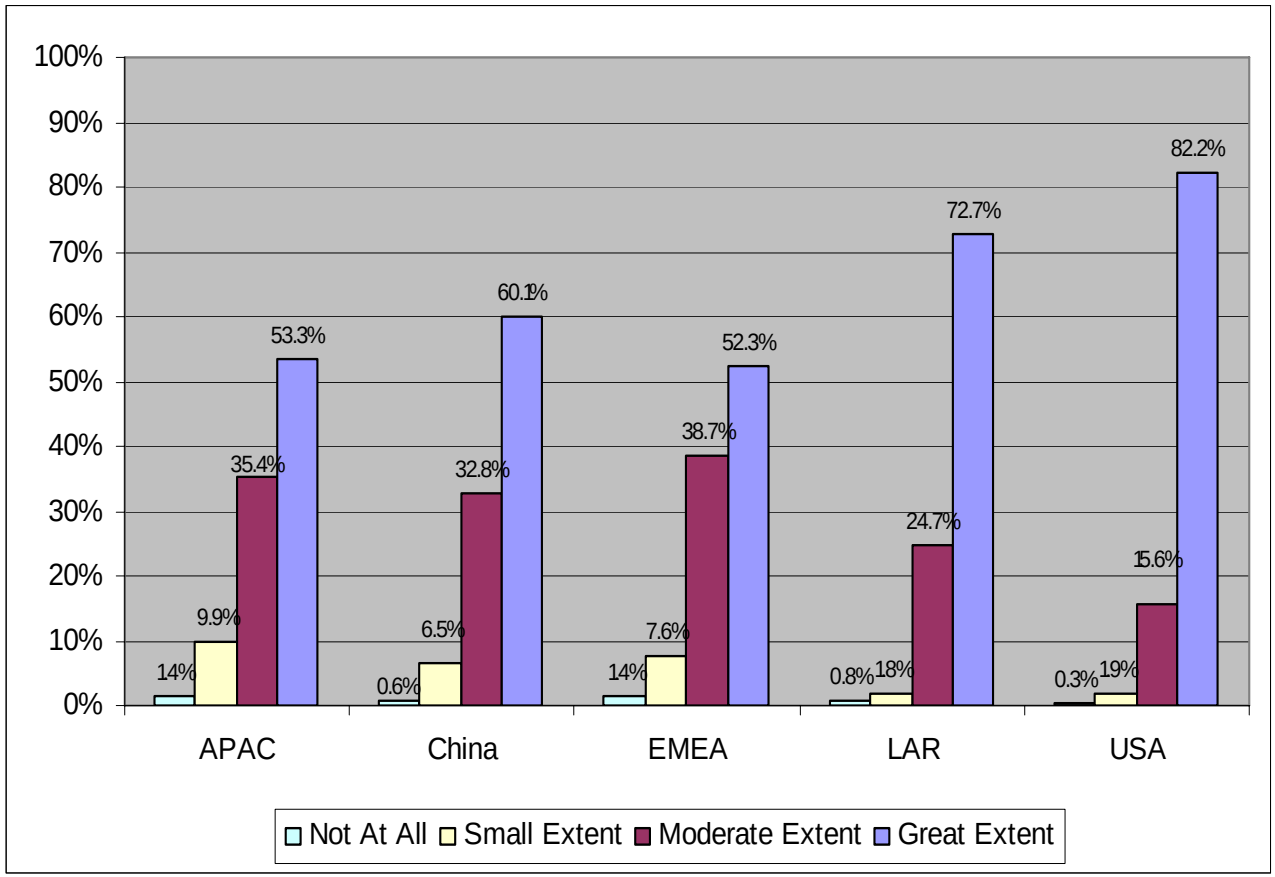
Teacher Description of Training:

Training Provided Useful Teaching Strategies

Question 2b
Link to survey

Q3, 2005
By Region

APAC=15,180
China=79,294
EMEA=4,460
LAR=5,574
USA=2,049



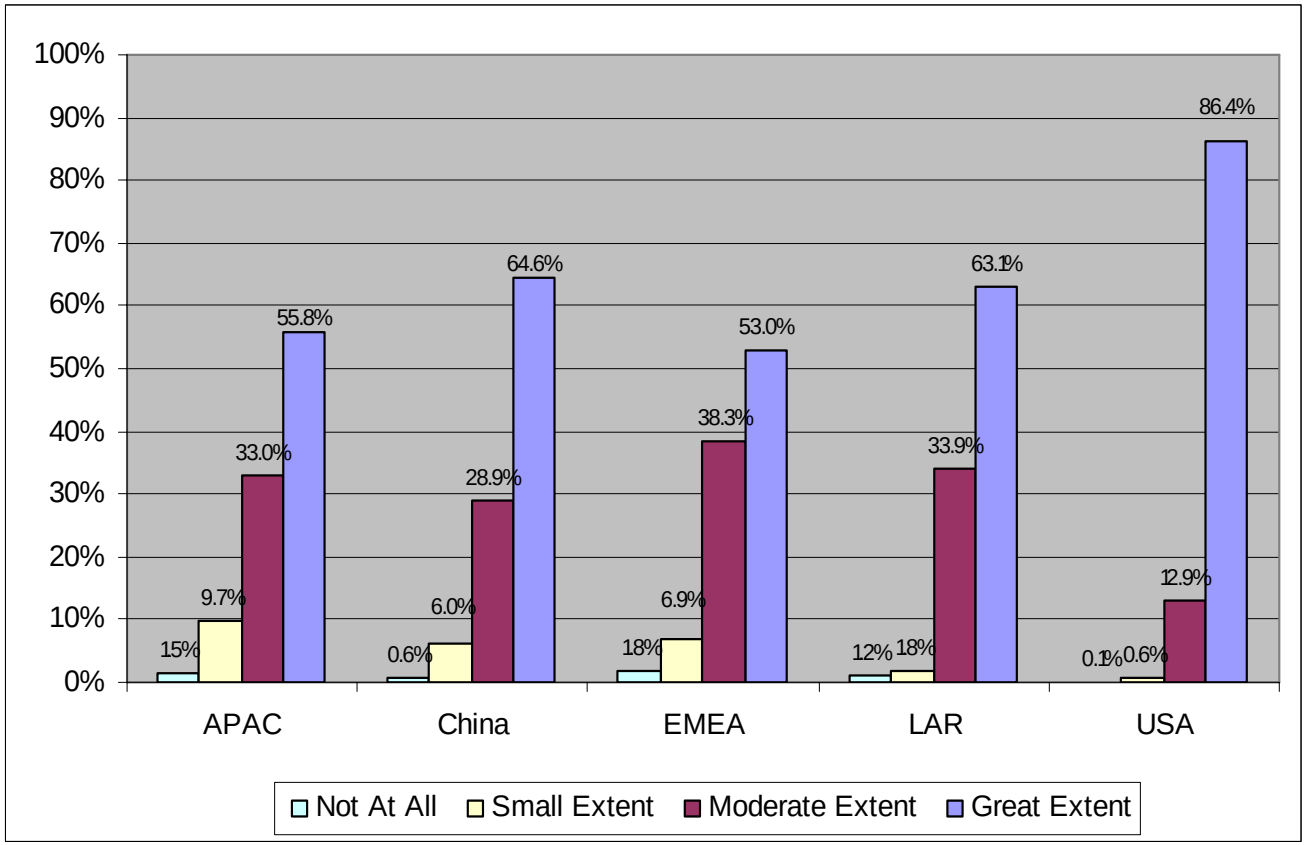
Teacher Description of Training:

Training Illustrated Effective Uses of Technology

Question 2c
Link to survey

Q3, 2005
By Region

APAC=15,169
China=79,294
EMEA=4,460
LAR=5,574
USA=2,045



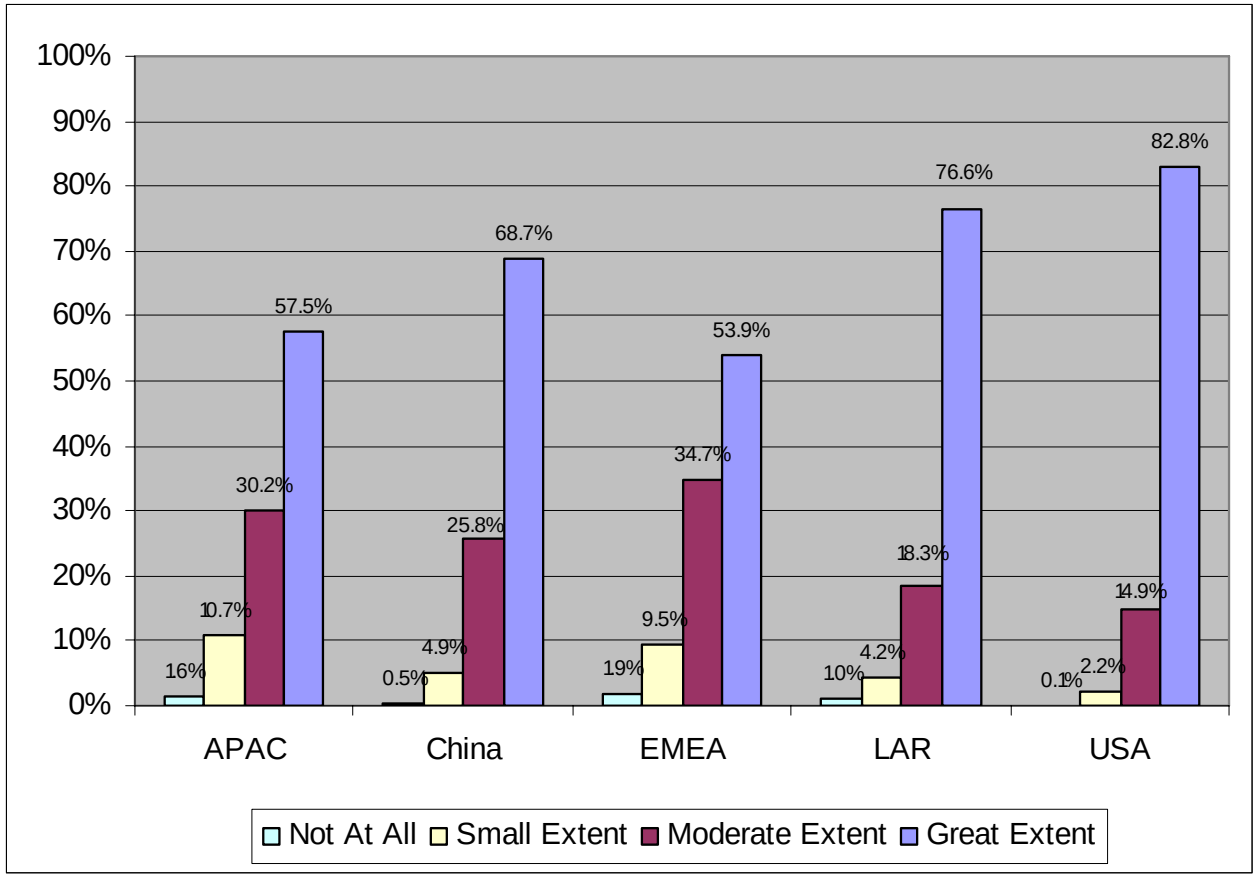
Teacher Description of Training:

Training Provided Opportunities for Collaboration

Question 2d
Link to survey

Q3, 2005
By Region

APAC=15,134
China=79,294
EMEA=4,460
LAR=5,574
USA=2,040



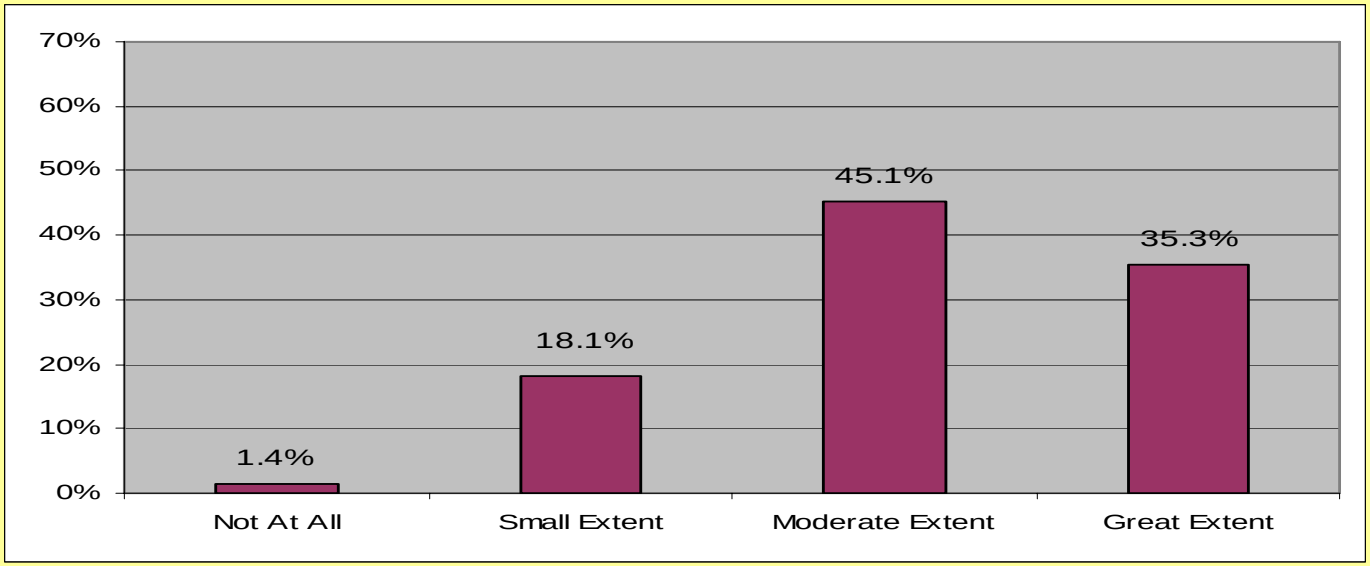
Perceived Competence After Training:

Implement Teaching that Emphasizes Independent Student Work

Question 3a
Link to survey

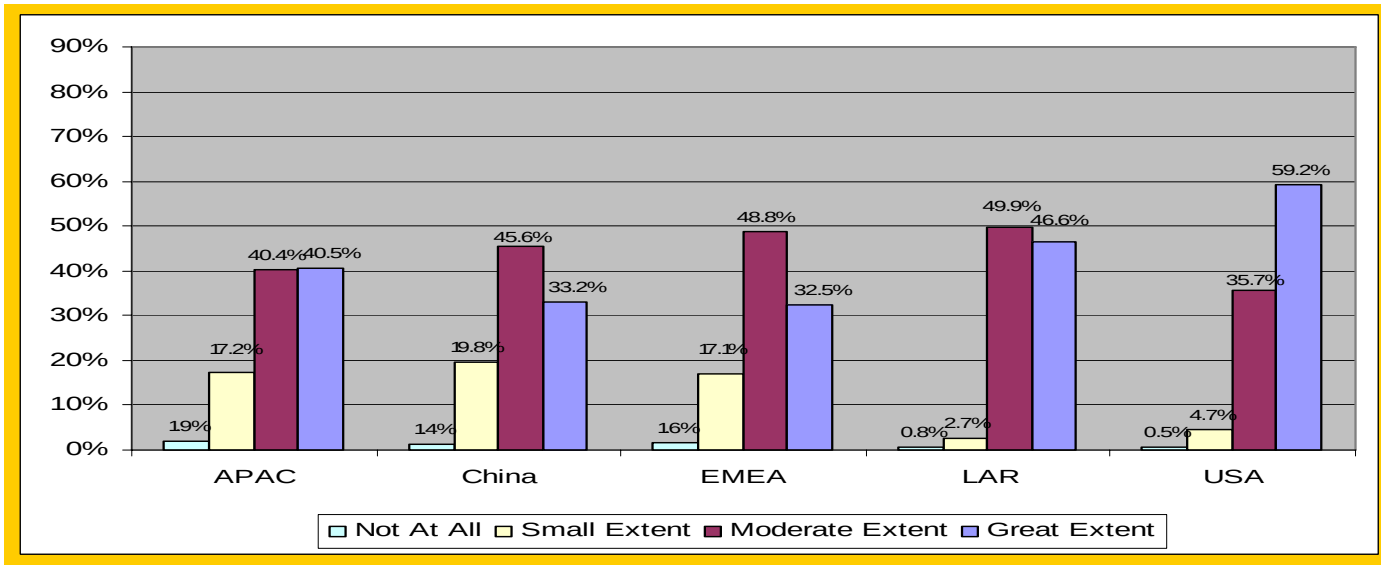
Q3, 2005
Overall

Total: 106,262



Q3, 2005
By Region

APAC=15,165
China=79,294
EMEA=4,460
LAR=5,574
USA=2,071



Return to Highlights

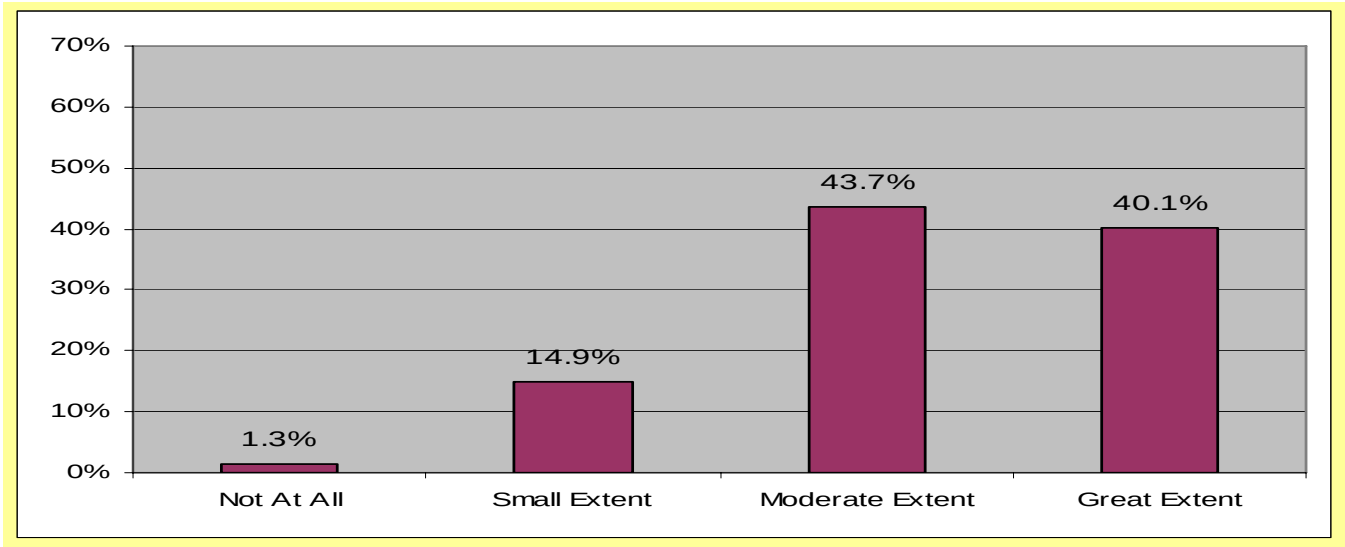
Perceived Competence After Training:

Align Teaching and Assessments with Required Curriculum

Question 3e
Link to survey

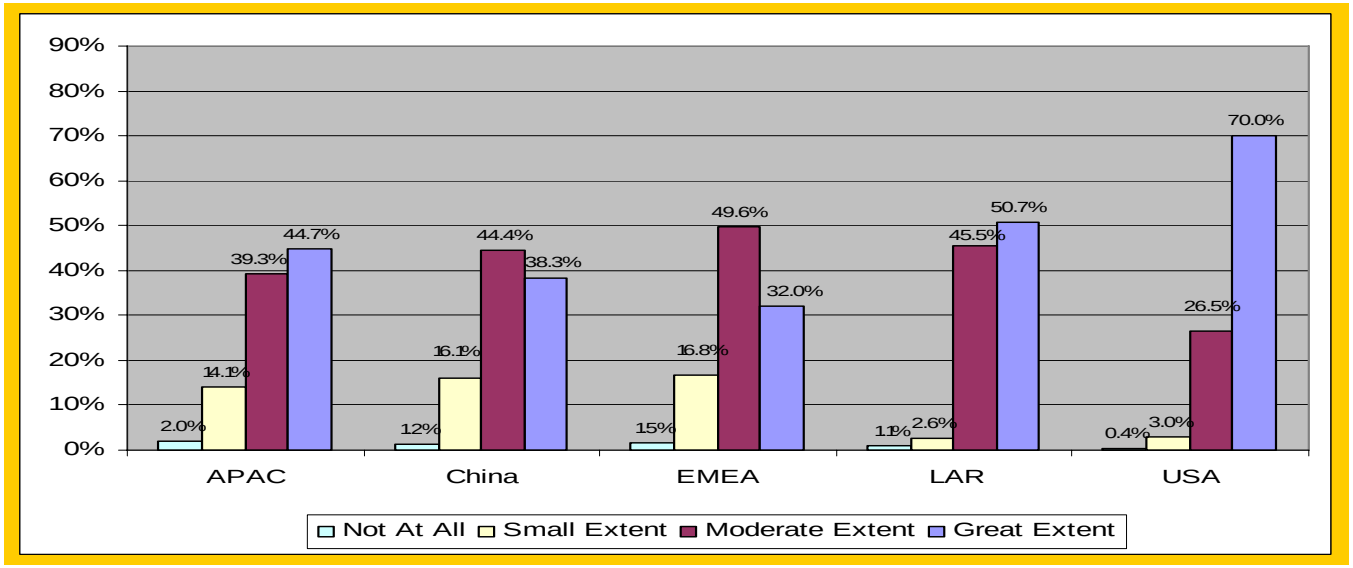
Q3, 2005
Overall

Total: 106,176



Q3, 2005
By Region

APAC=15,092
China=79,294
EMEA=4,460
LAR=5,574
USA=1,756

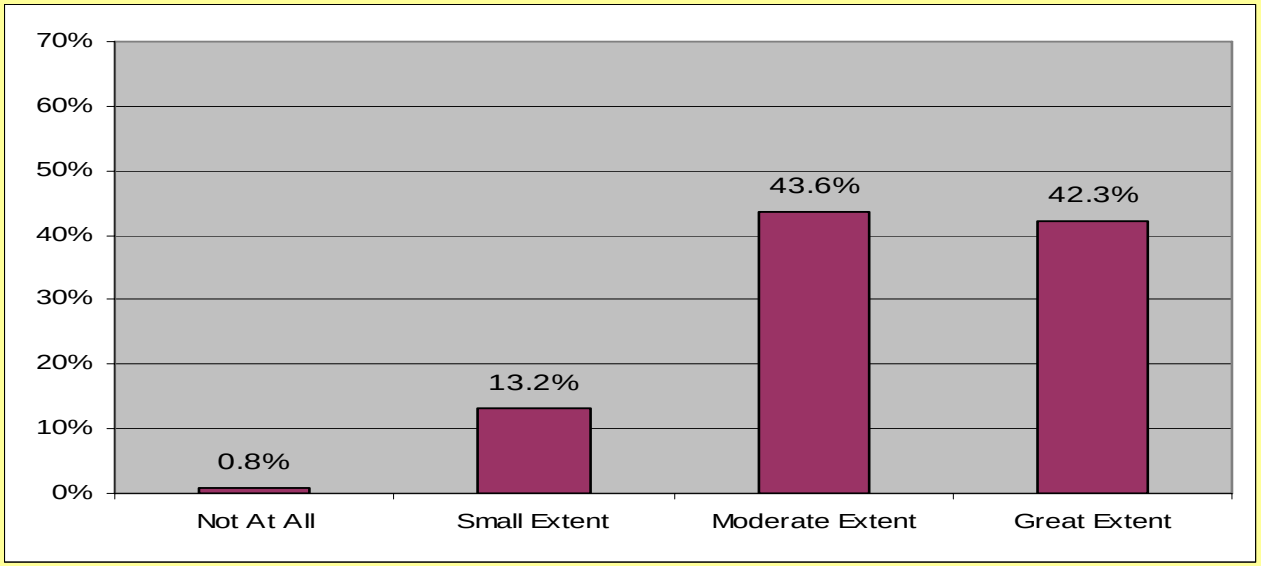


Return to Highlights

Perceived Competence After Training:

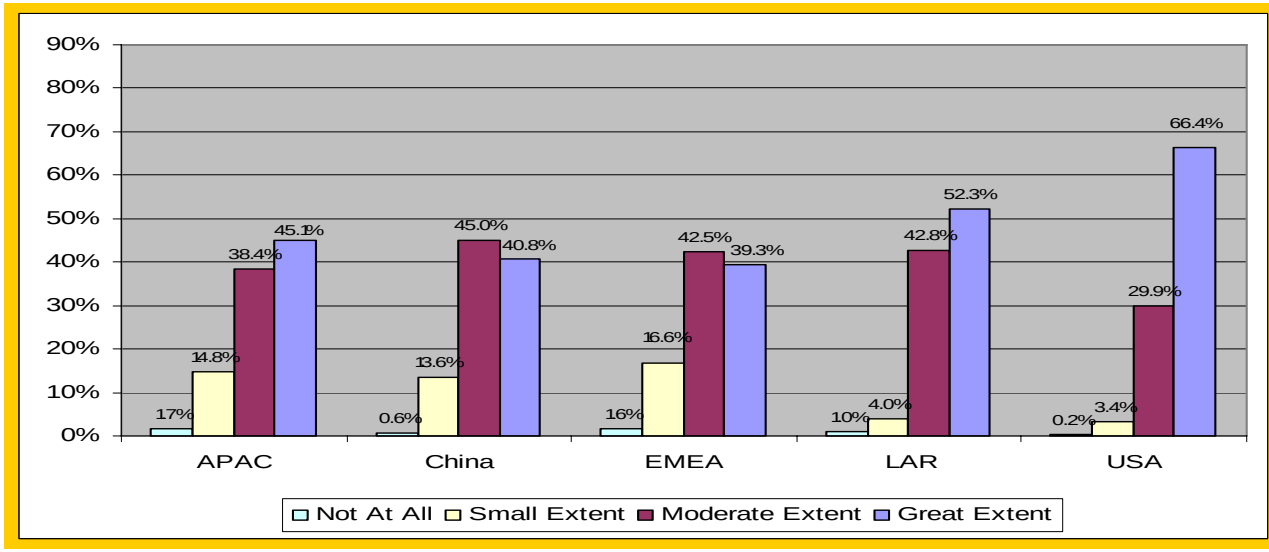
Integrate Technology into Teaching

Question 3b
Link to survey



Q3, 2005
Overall

Total: 106,239



Q3, 2005
By Region

APAC=15,138
China=79,294
EMEA=4,460
LAR=5,574
USA=2,071

Return to Highlights

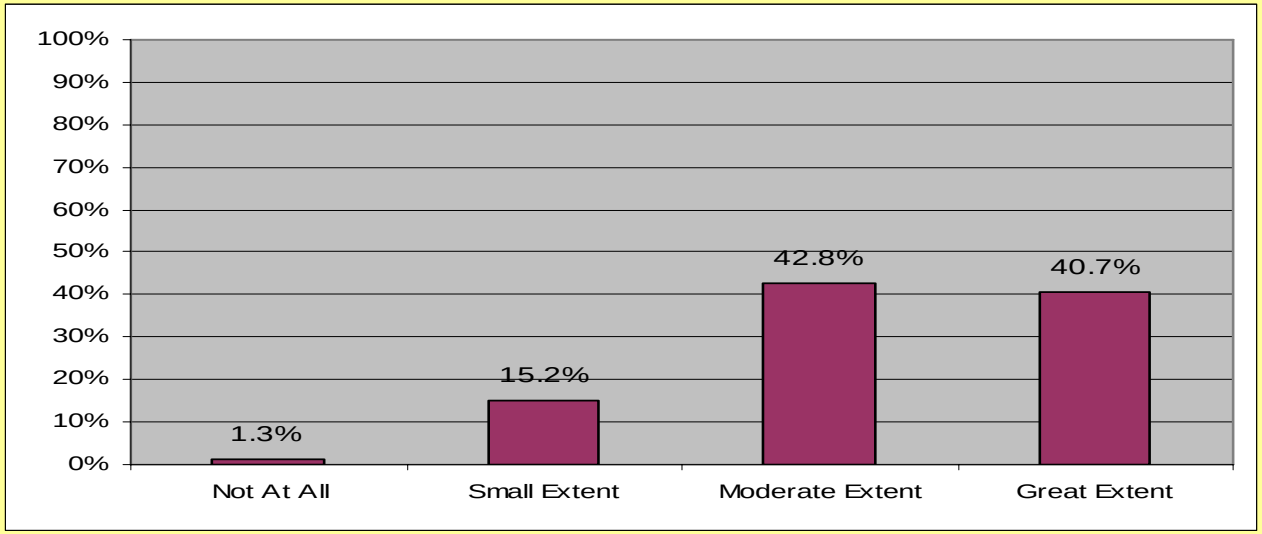
Perceived Competence After Training:

Support Students in Using Technology in their Schoolwork

Question 3c
Link to survey

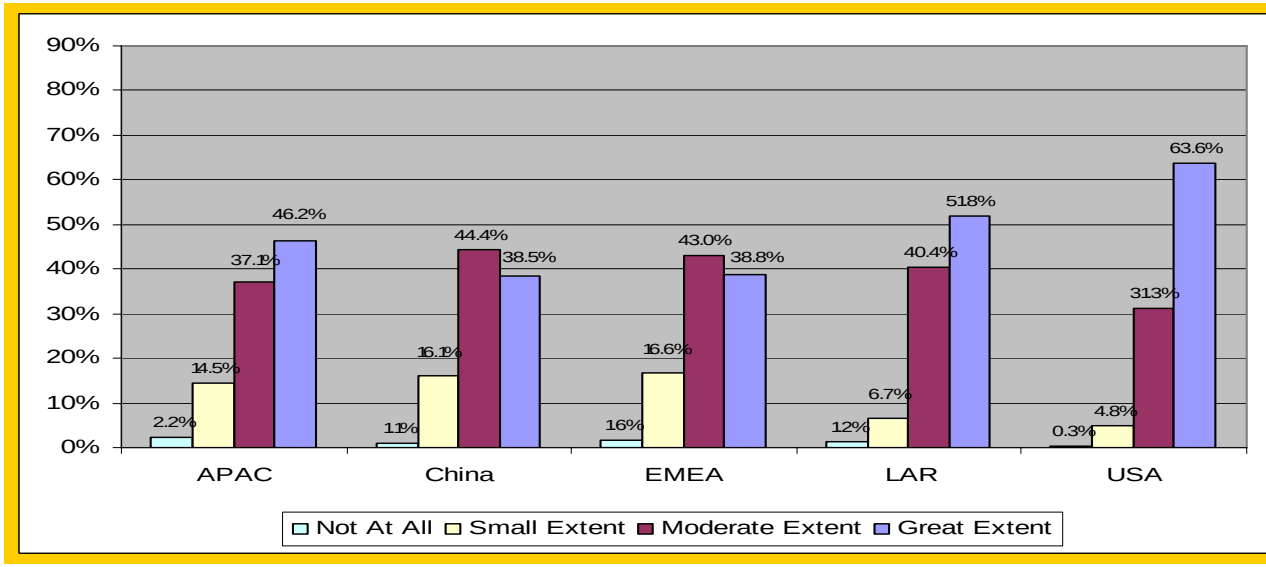
Q3, 2005
Overall

Total: 106,230



Q3, 2005
By Region

APAC=15,143
China=79,294
EMEA=4,460
LAR=5,573
USA=1,760

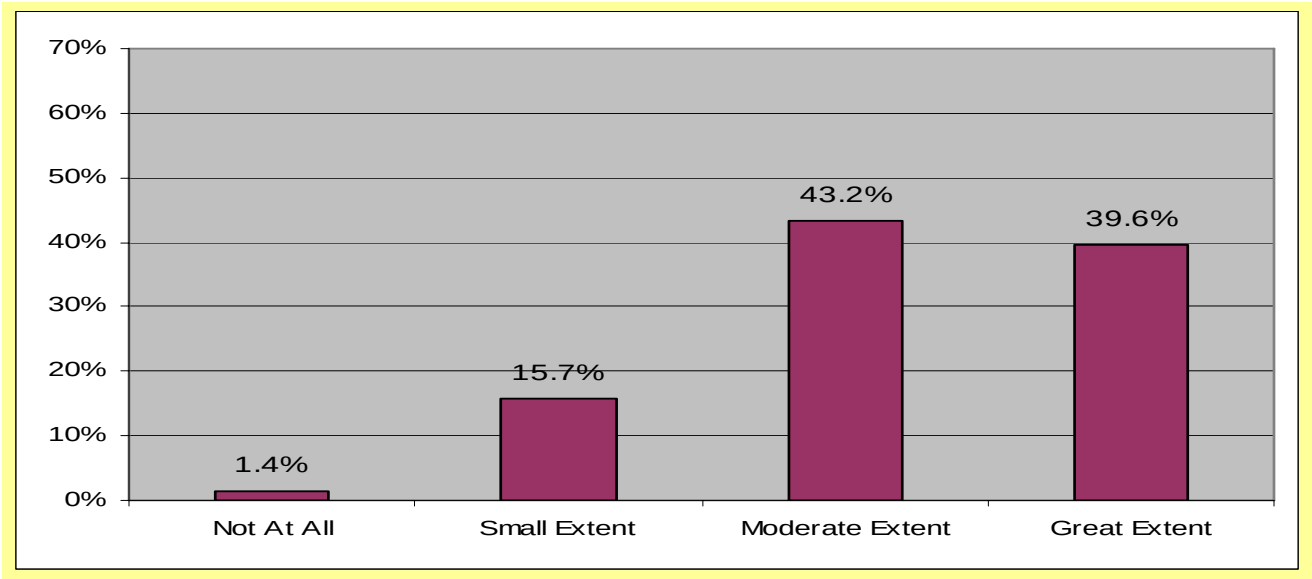


Return to Highlights

Perceived Competence After Training:

Evaluate Technology-Based Work Produced by Students

Question 3d
Link to survey

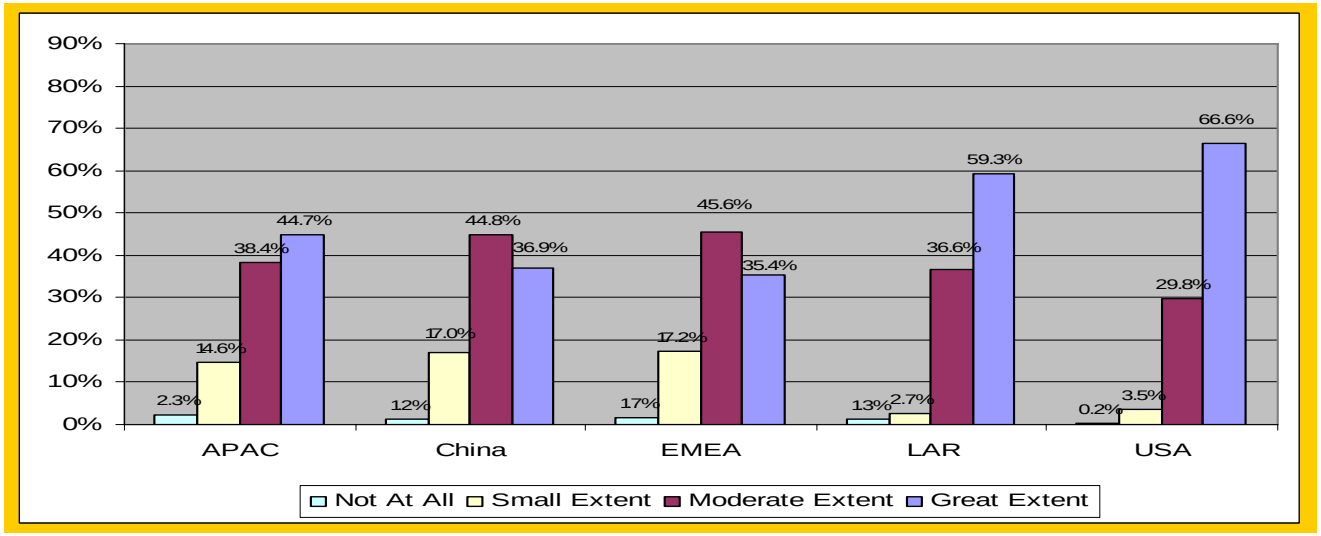


Q3, 2005
Overall

Total: 106,203

Q3, 2005
By Region

APAC=15,107
China=79,294
EMEA=4,460
LAR=5,574
USA=1,768



Return to Highlights

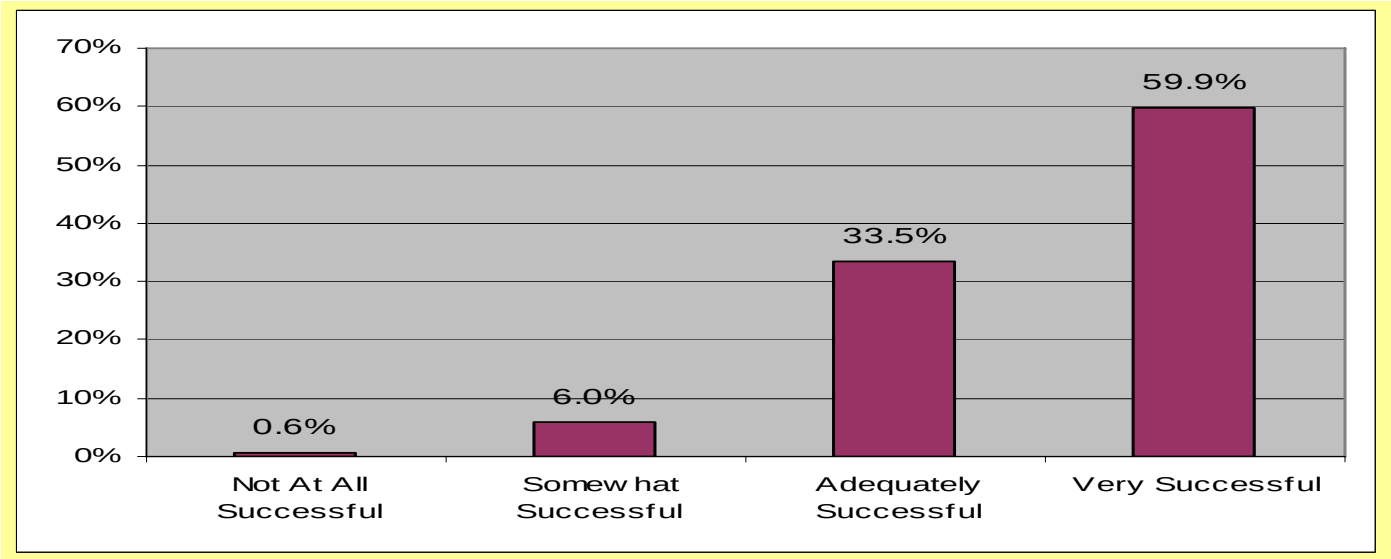
Successfulness of the Trainer:

Leading Participants through the Process of Creating Unit Plans

Question 4a
Link to survey

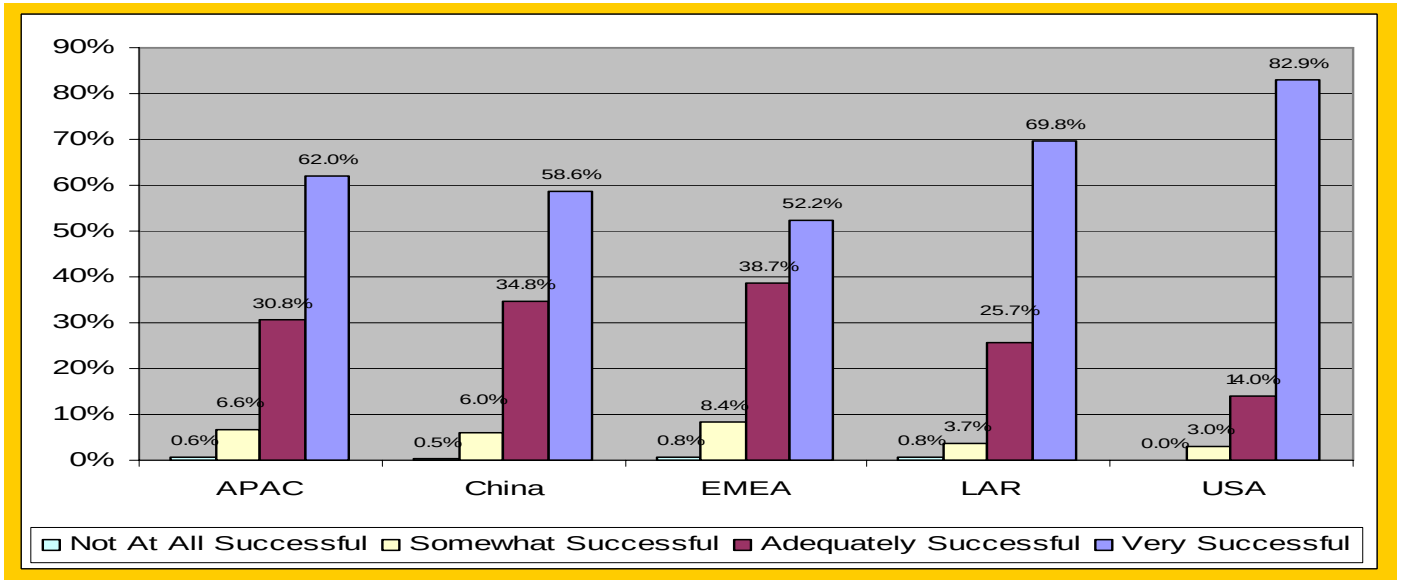
Q3, 2005
Overall

Total: 106,574



Q3, 2005
By Region

APAC=15,188
China=79,294
EMEA=4,460
LAR=5,574
USA=2,058



Return to Highlights

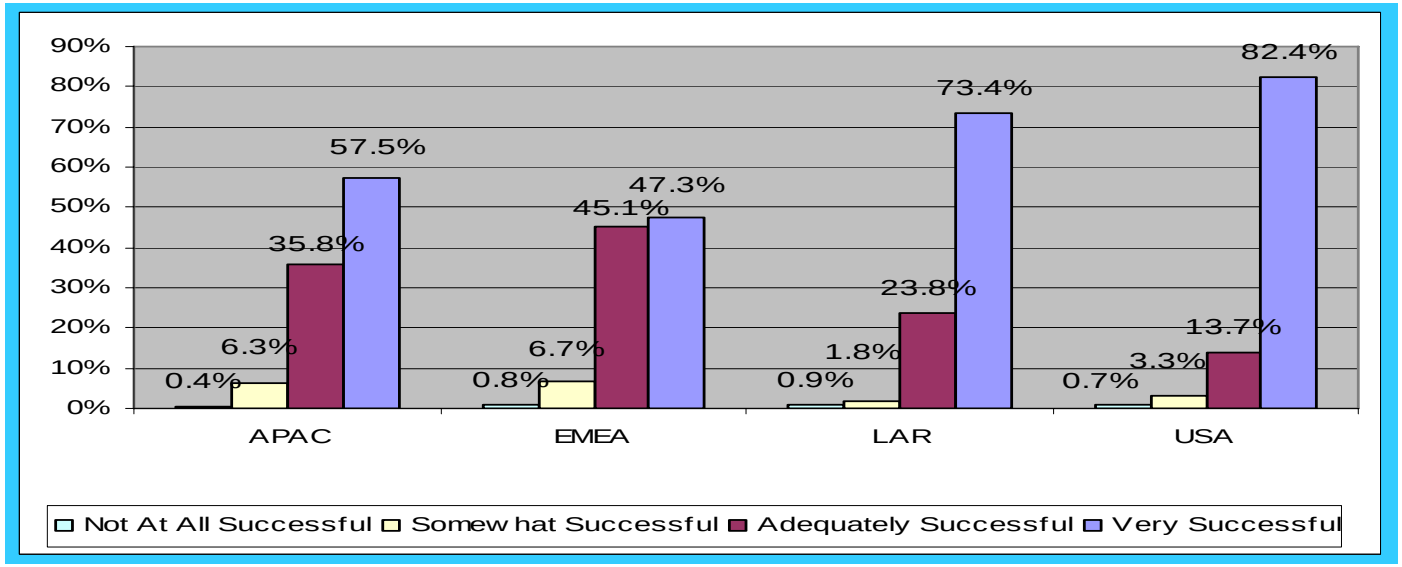
Q2-Q3 Successfulness of the Trainer:

Leading Participants through the Process of Creating Unit Plans

Question 4a
Link to survey

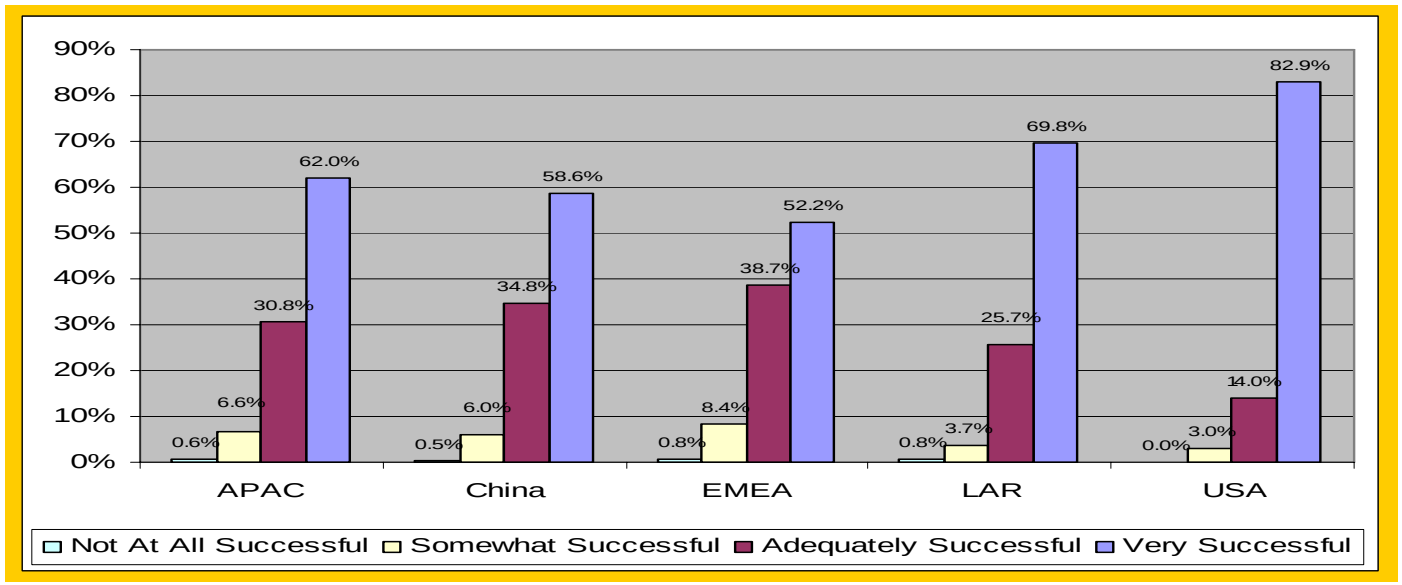
Q2, 2005
By Region

APAC=24,705
EMEA=4,040
LAR=3,128
USA=3,786



Q3, 2005
By Region

APAC=15,188
China=79,294
EMEA=4,460
LAR=5,574
USA=2,058



Return to Highlights

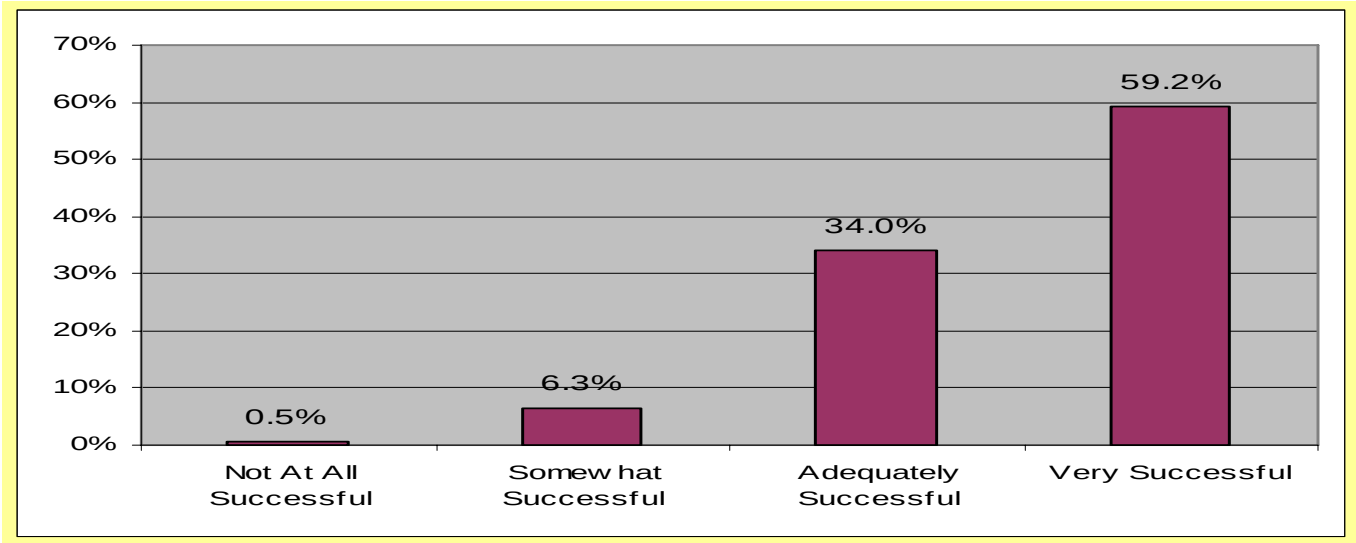
Successfulness of the Trainer:

Engaging the Group in Discussions

Question 4b
[Link to survey]

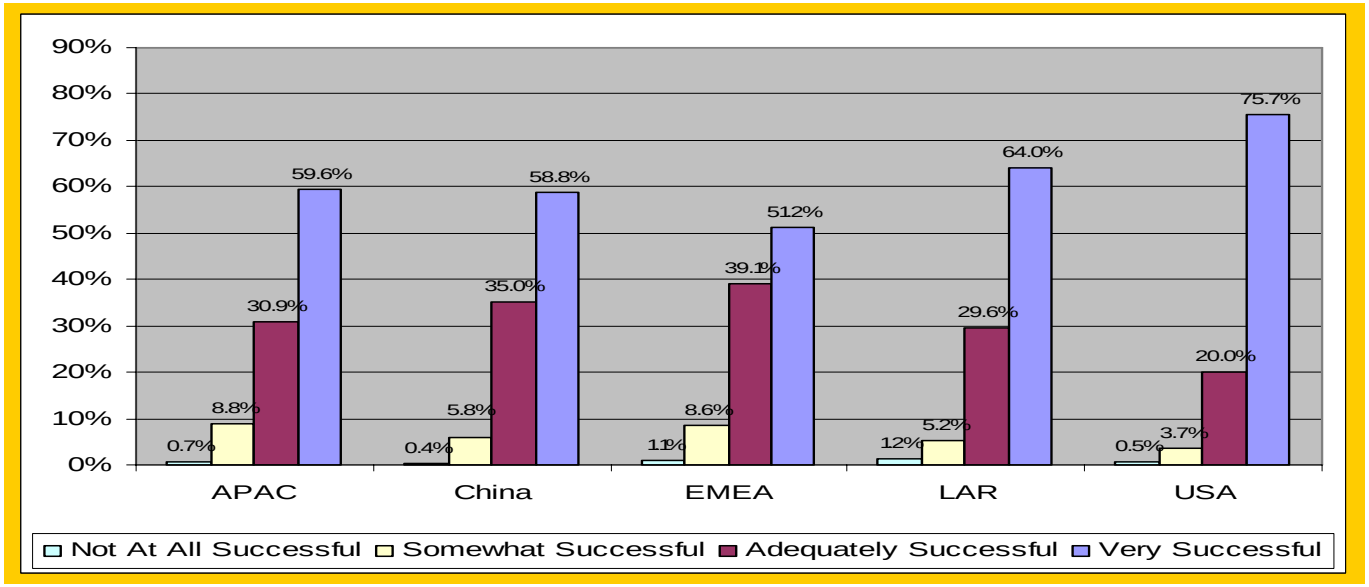
Q3, 2005
Overall

Total: 106,542



Q3, 2005
By Region

APAC=15,163
China=79,294
EMEA=4,460
LAR=5,574
USA=2,050



[Return to Highlights]

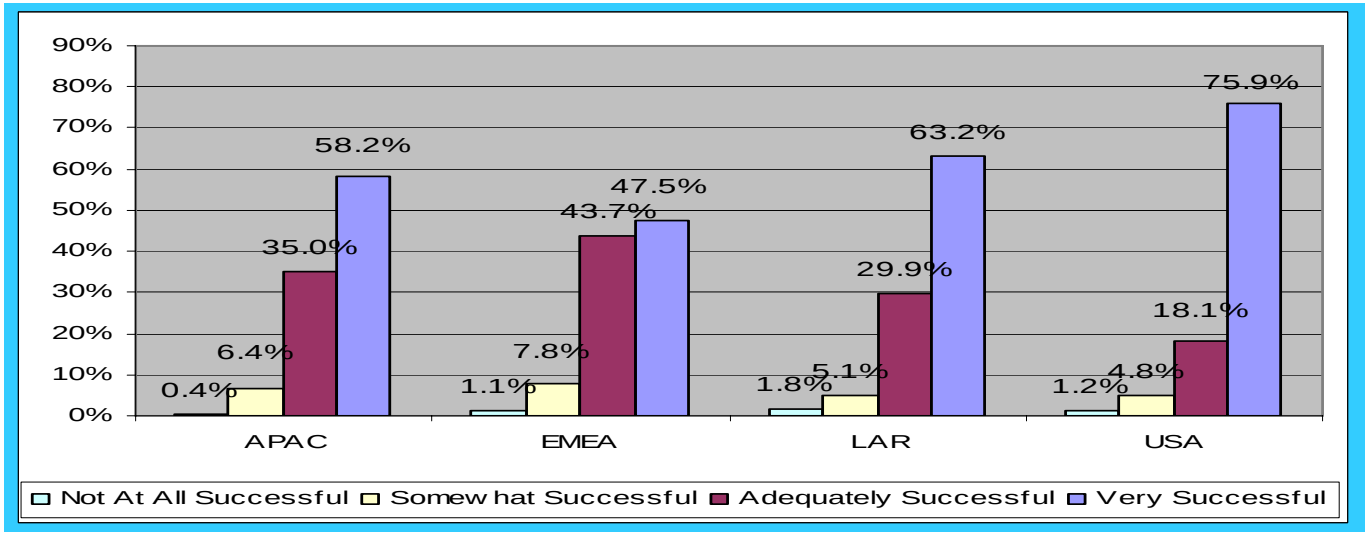
Q2-Q3 Successfulness of the Trainer:

Engaging the Group in Discussions

Question 4b
Link to survey

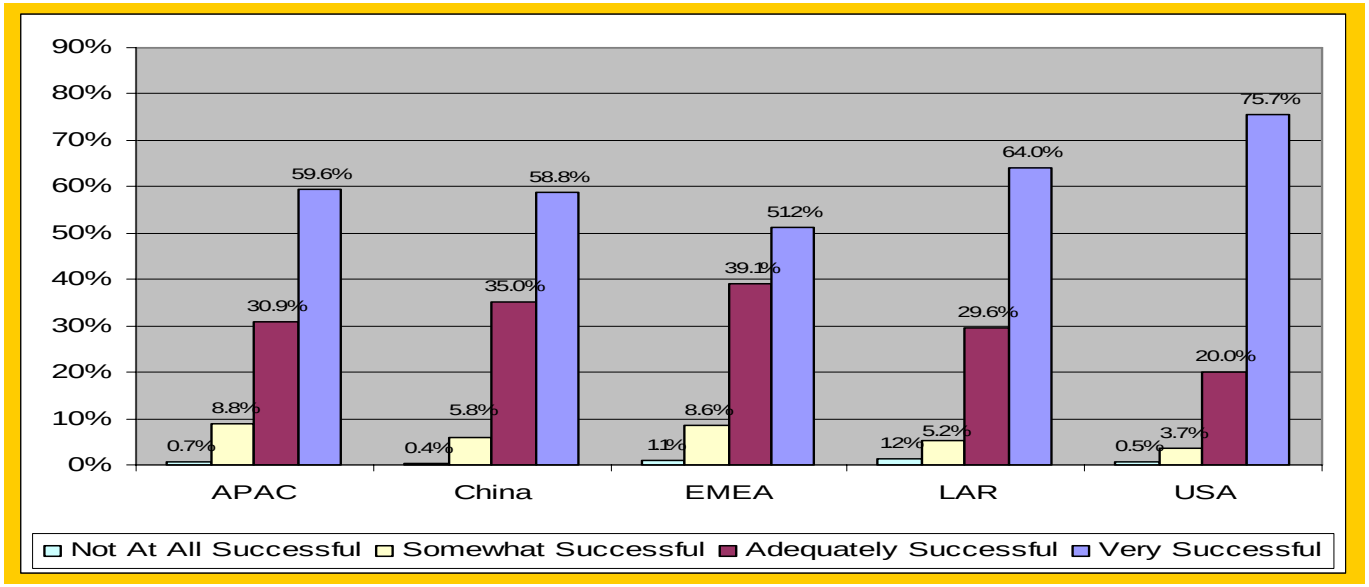
Q2, 2005
By Region

APAC=24,723
EMEA=4,040
LAR=3,127
USA=3,788



Q3, 2005
By Region

APAC=15,163
China=79,294
EMEA=4,460
LAR=5,574
USA=2,050



Return to Highlights

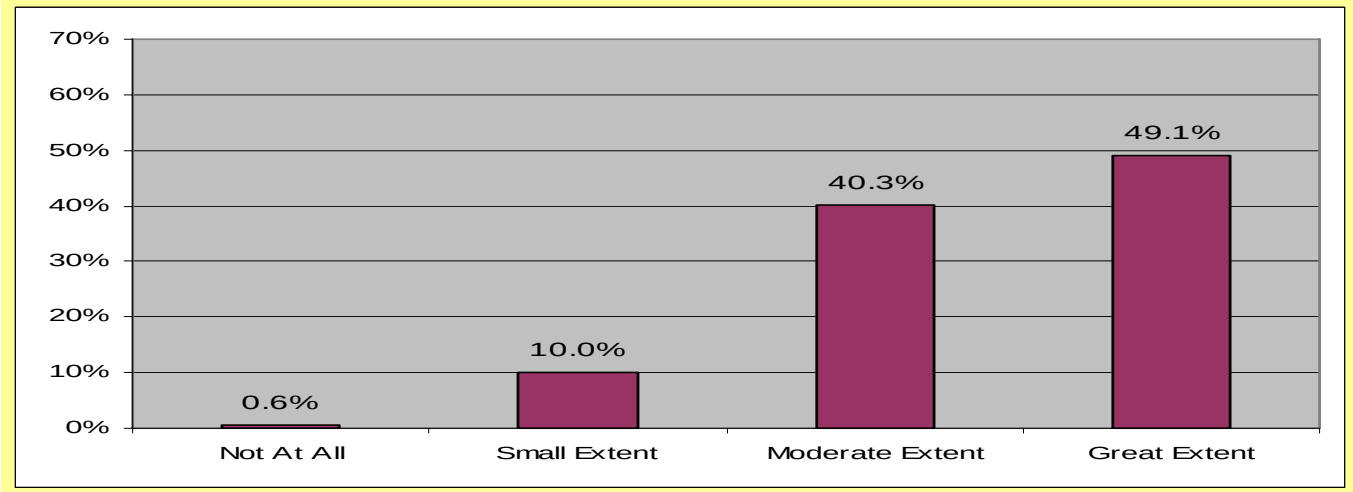
Usefulness of Training Components:

Creating and Exploring the Uses of Essential and Unit Questions

Question 5a
Link to survey

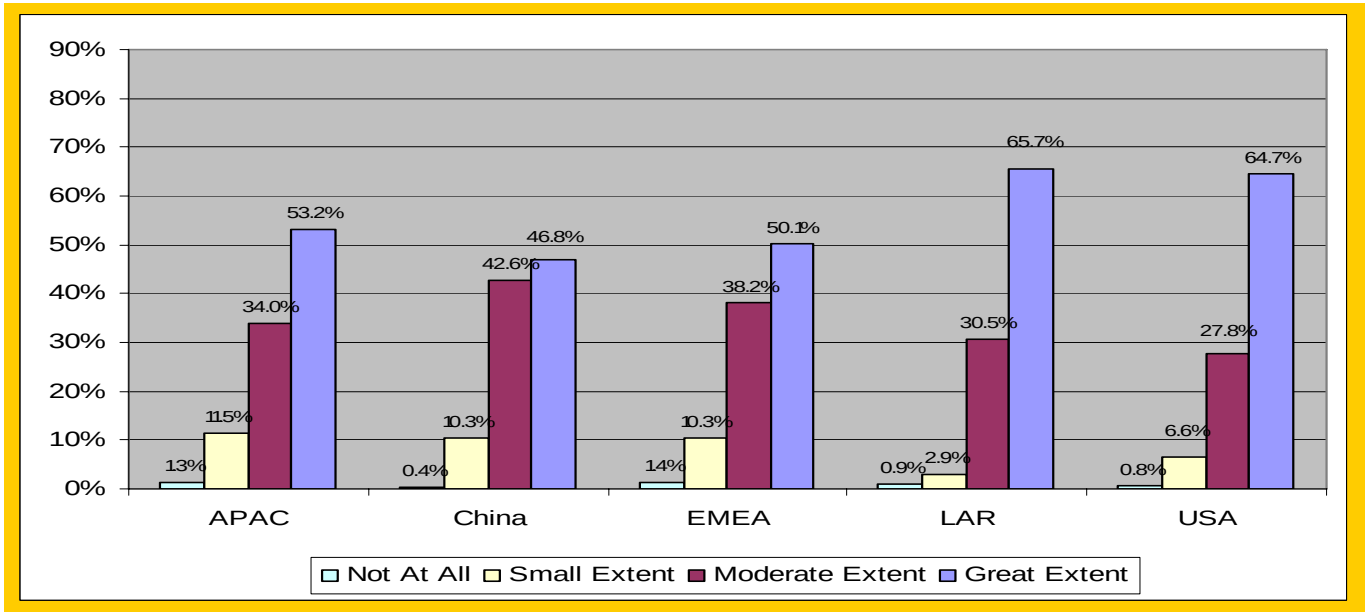
Q3, 2005
Overall

Total: 106,539



Q3, 2005
By Region

APAC=15,165
China=79,294
EMEA=4,460
LAR=5,572
USA=2,048



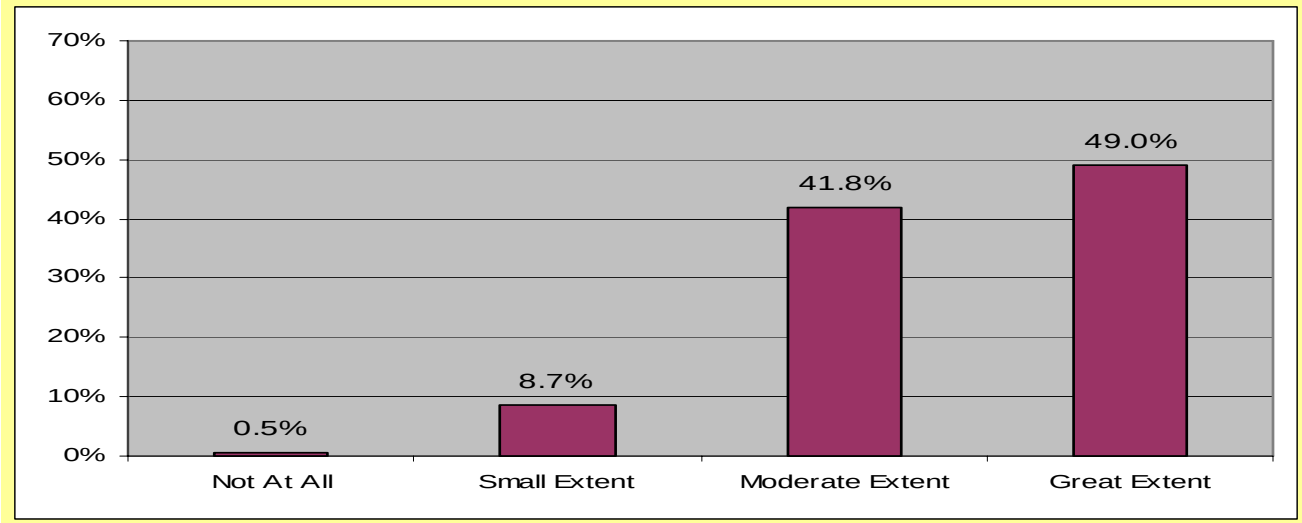
Usefulness of Training Components:

Discussing and Thinking through Pedagogical Topics

Question 5b
Link to survey

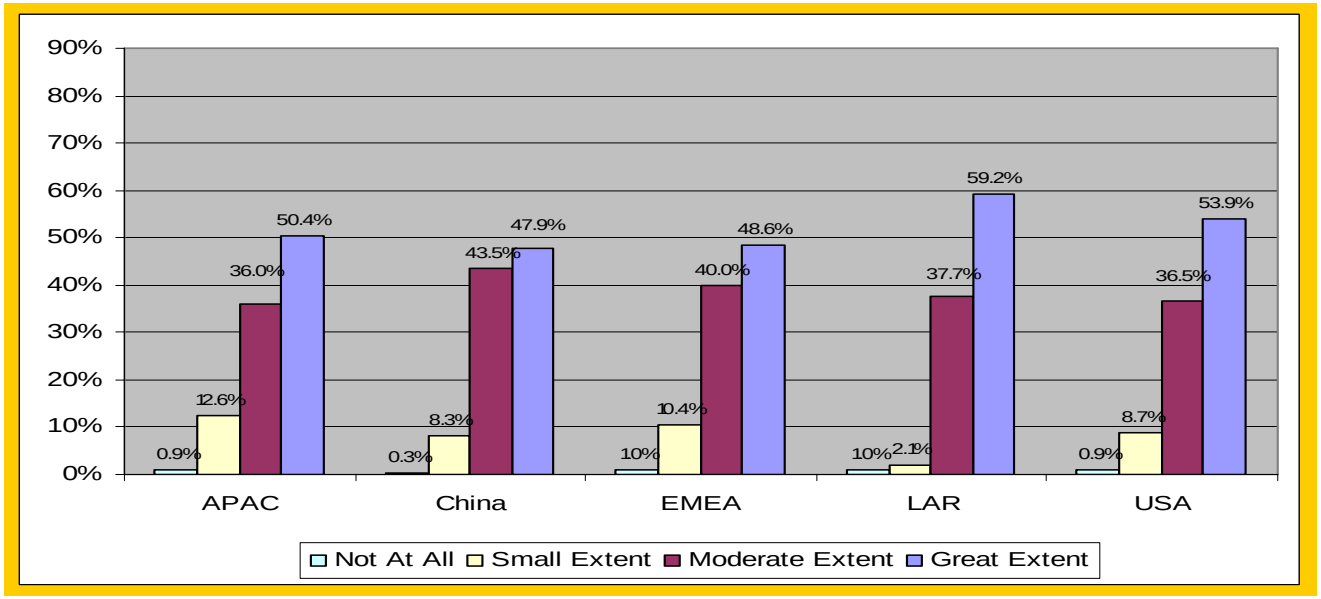
Q3, 2005
Overall

Total: 106,495



Q3, 2005
By Region

APAC=15,124
China=79,294
EMEA=4,460
LAR=5,572
USA=2,045



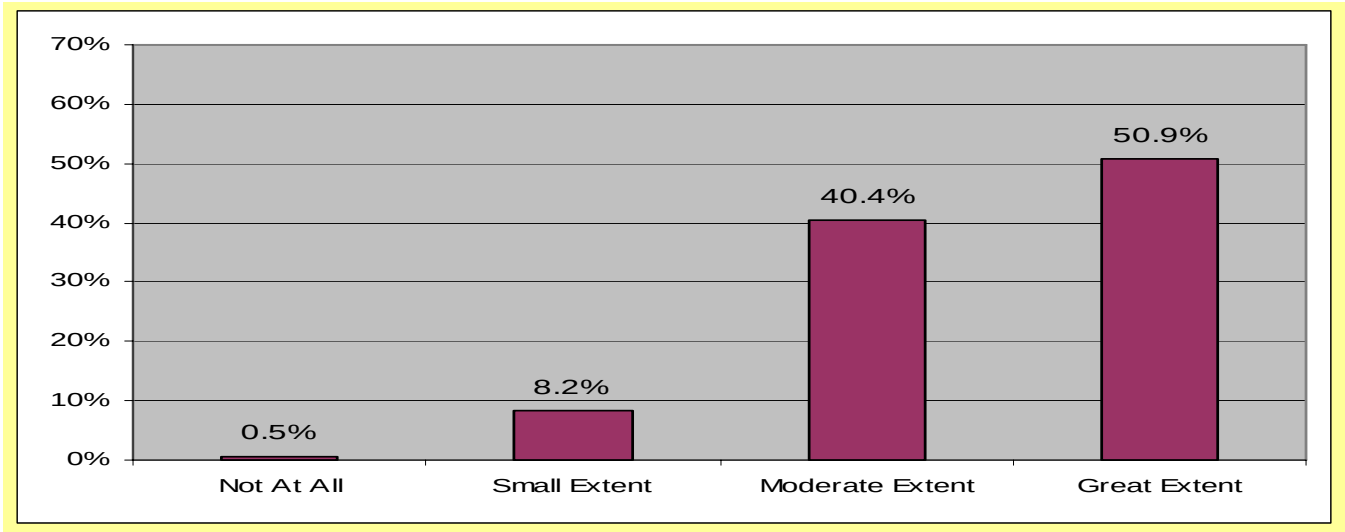
Usefulness of Training Components:

Locating and Evaluating Unit Resources

Question 5c
Link to survey

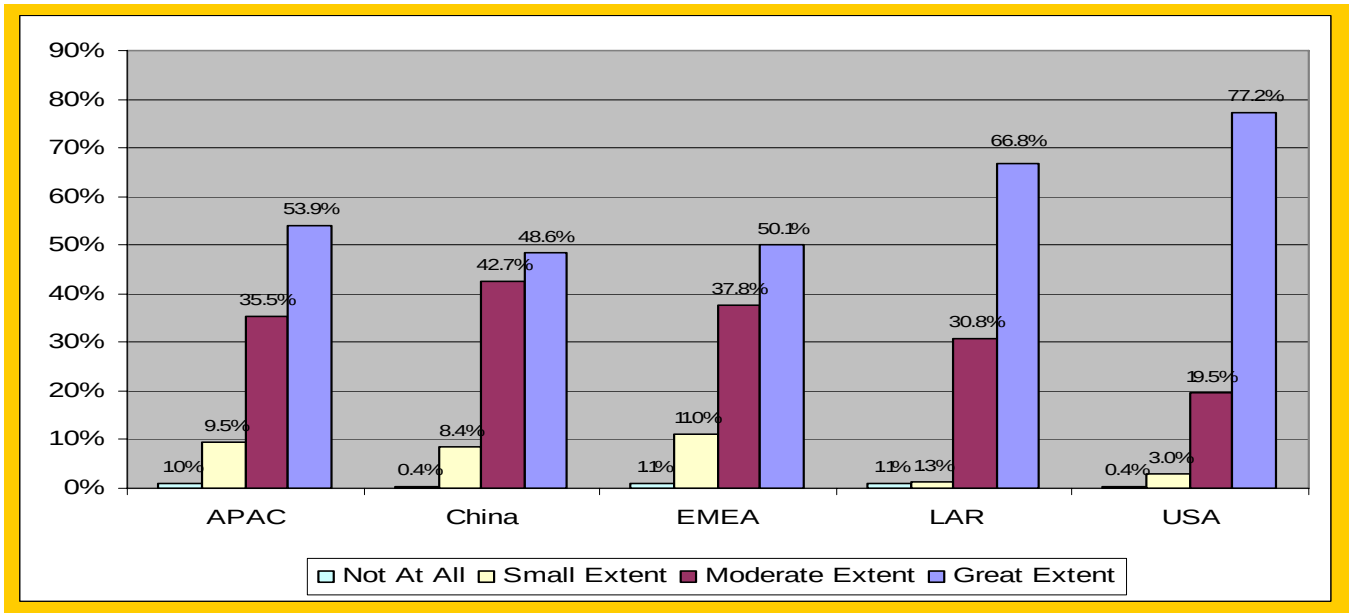
Q3, 2005
Overall

Total: 106,474



Q3, 2005
By Region

APAC=15,092
China=79,294
EMEA=4,460
LAR=5,572
USA=2,055



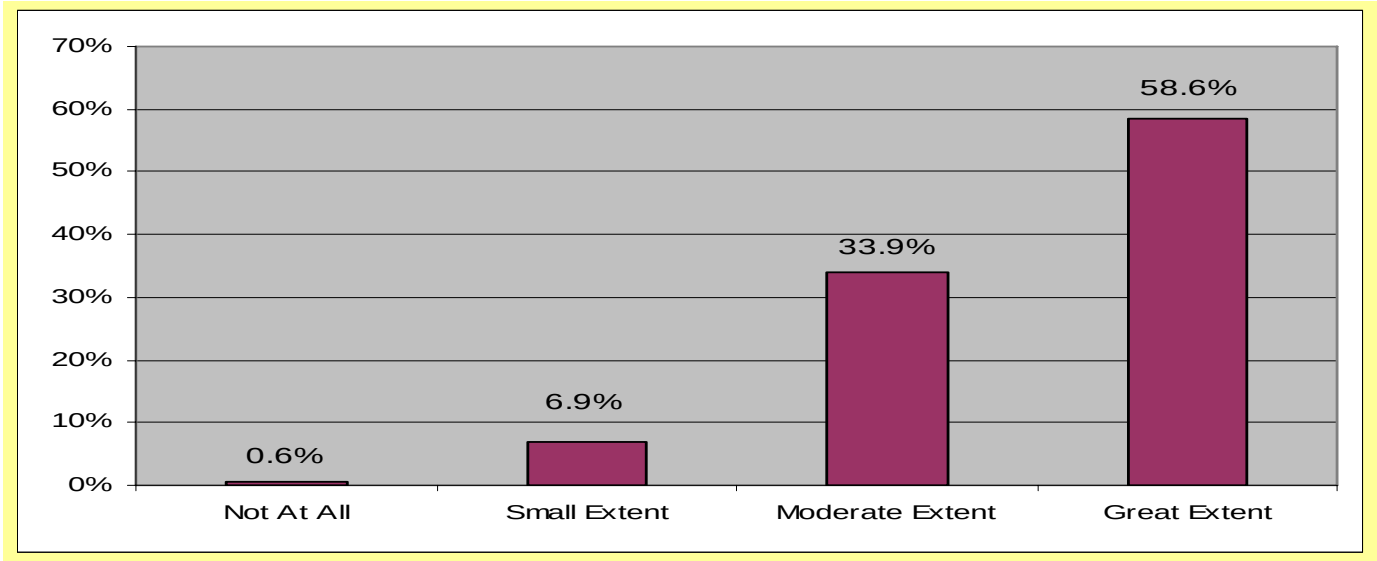
Usefulness of Training Components:

Creating Student Multimedia Presentations

Question 5d
Link to survey

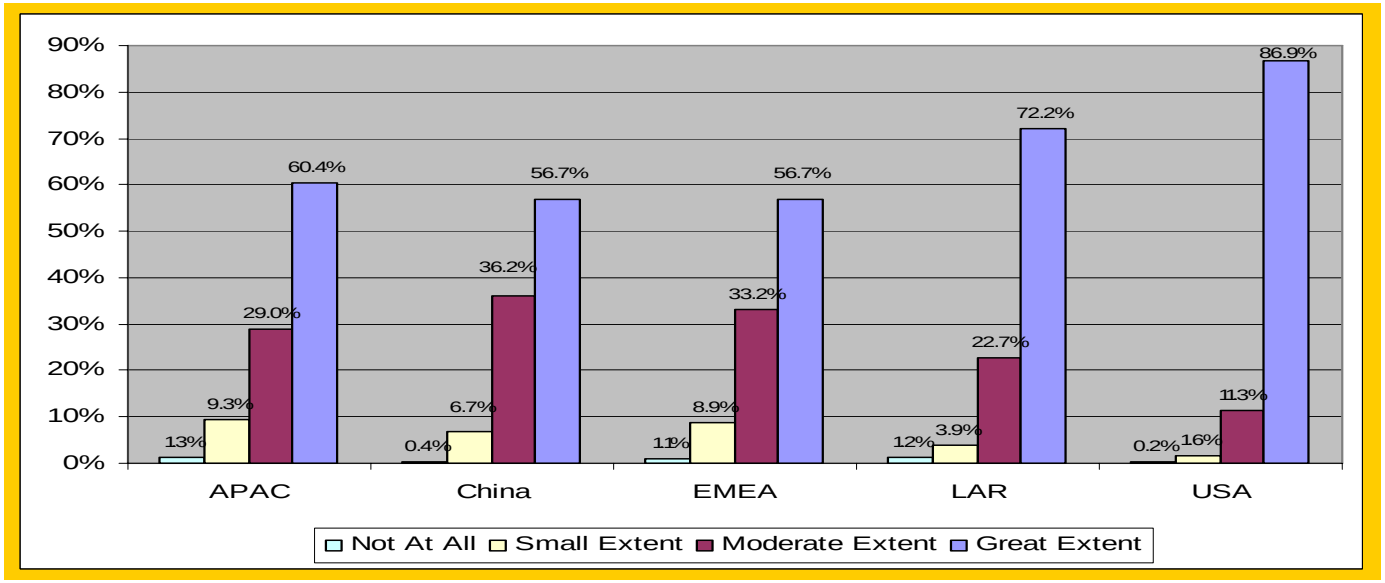
Q3, 2005
Overall

Total: 106,424



Q3, 2005
By Region

APAC = 15,043
China = 79,294
EMEA = 4,460
LAR = 5,573
USA = 2,054



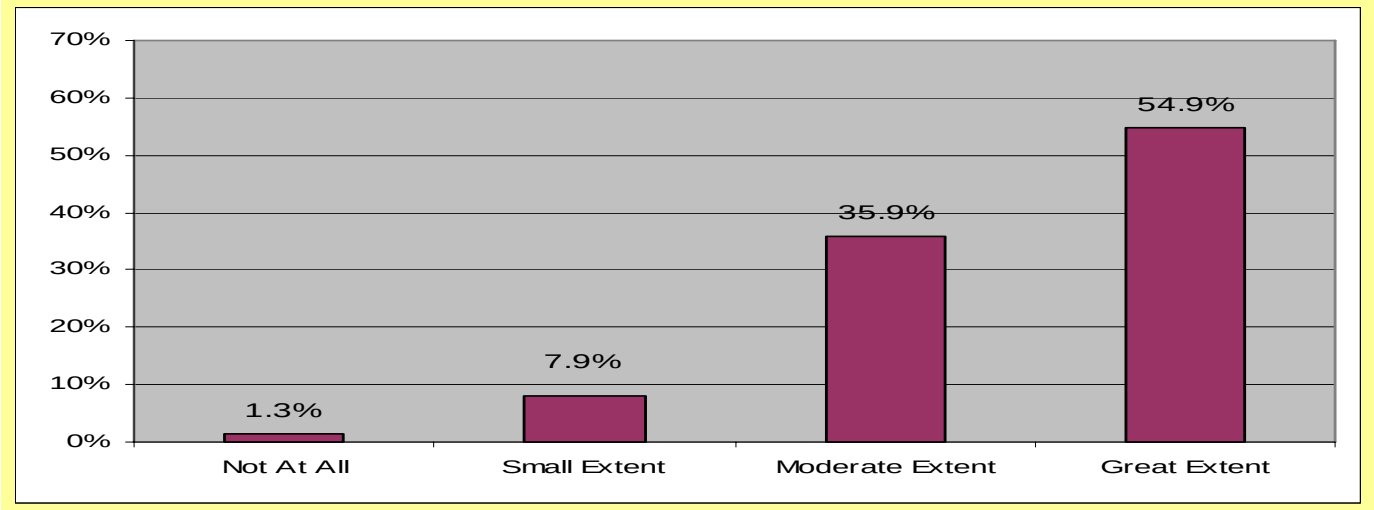
Usefulness of Training Components:

Creating Student Publications

Question 5e
[Link to survey]

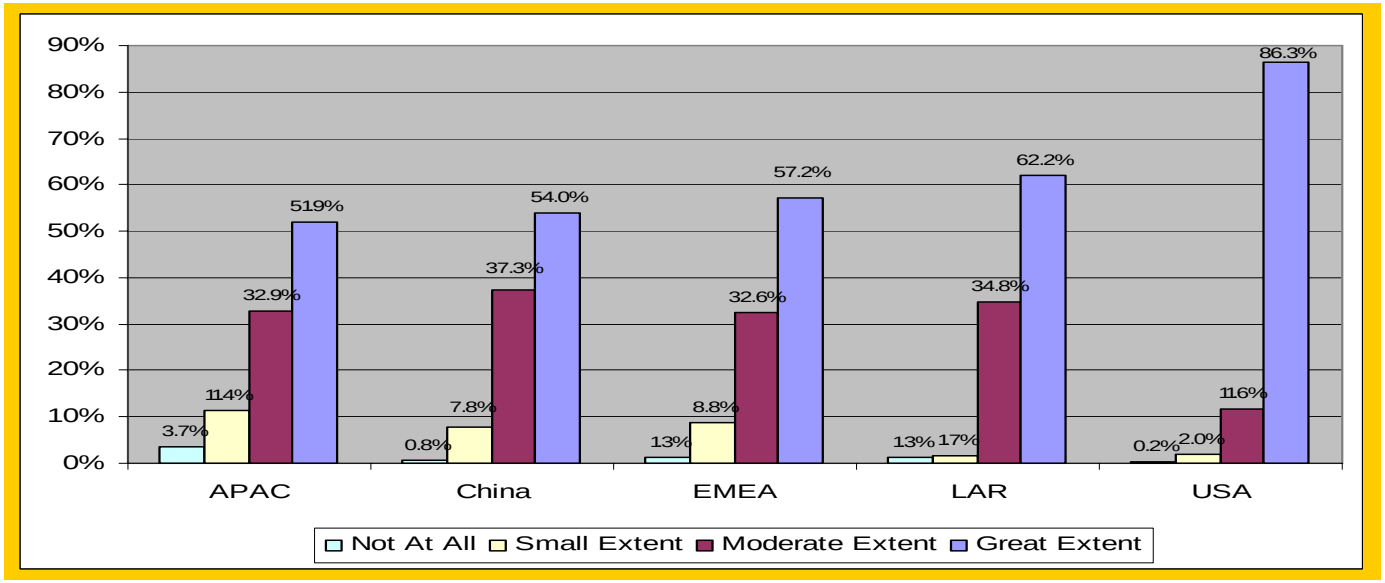
Q3, 2005
Overall

Total: 105,583



Q3, 2005
By Region

APAC=14,198
China=79,294
EMEA=4,460
LAR=5,572
USA=2,059



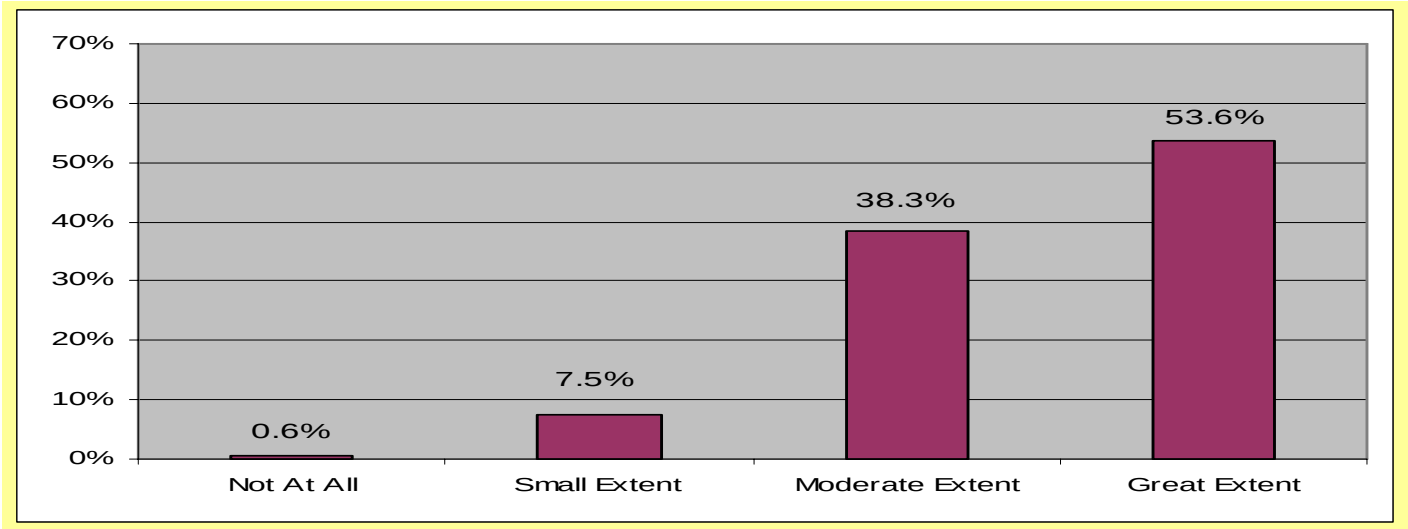
Usefulness of Training Components:

Creating Teacher Support Materials

Question 5f
Link to survey

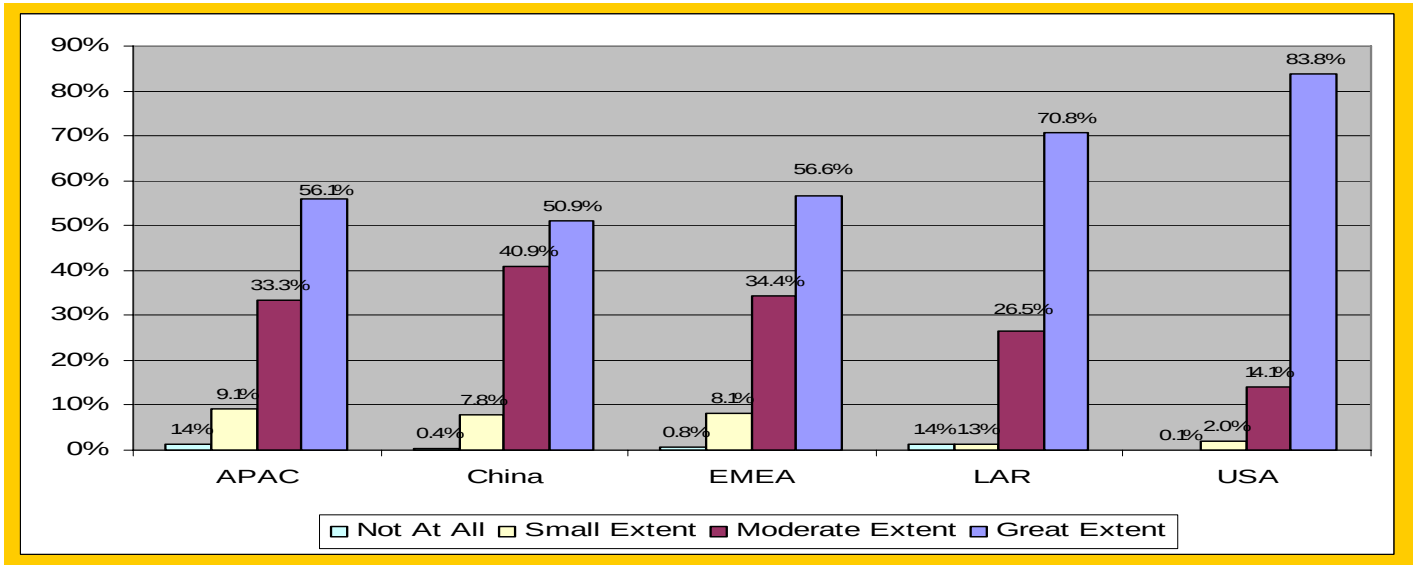
Q3, 2005
Overall

Total: 106,317



Q3, 2005
By Region

APAC=14,940
China=79,294
EMEA=4,460
LAR=5,572
USA=2,051



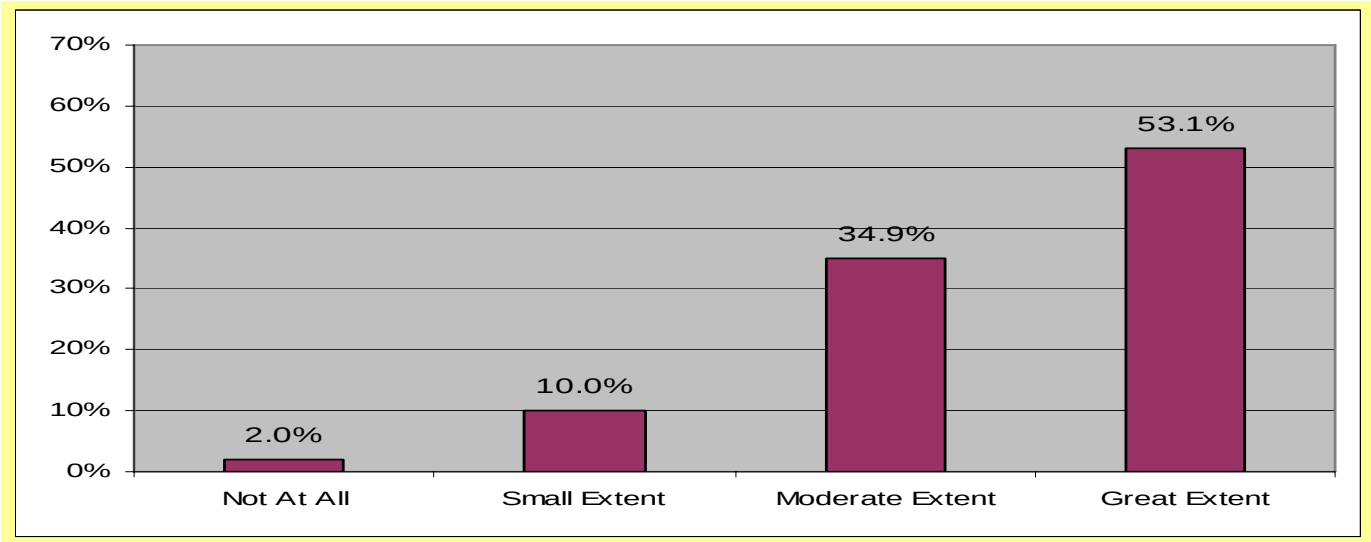
Usefulness of Training Components:

Creating Student Web Sites

Question 5g
Link to survey

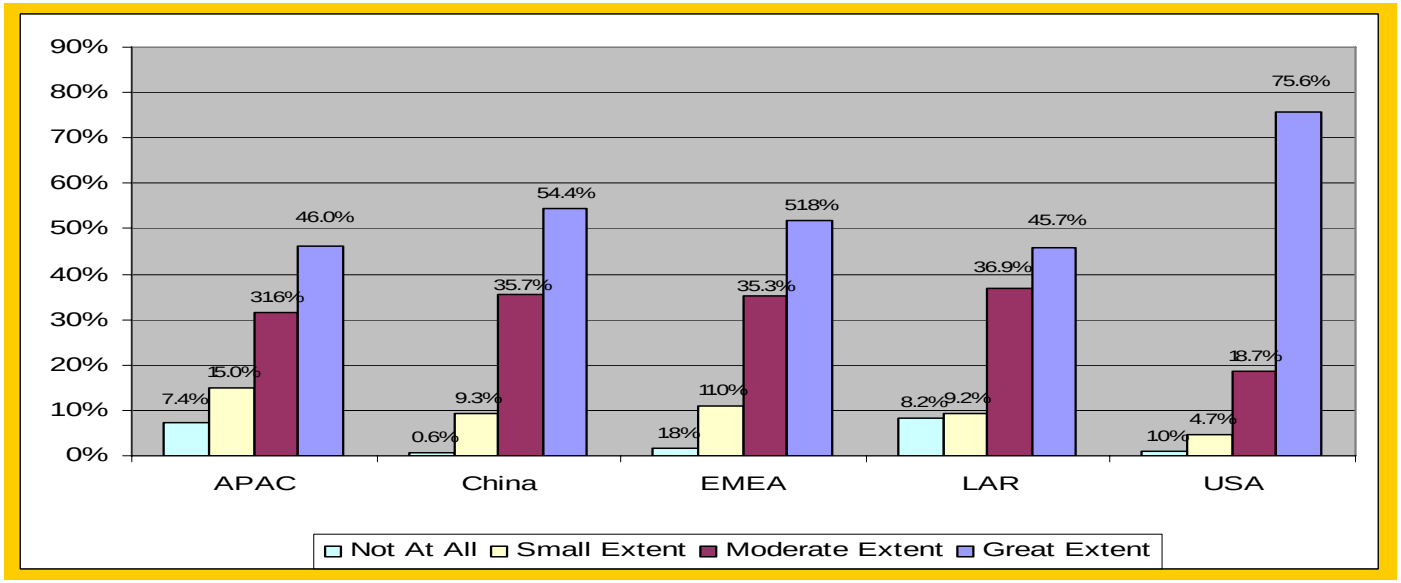
Q3, 2005
Overall

Total: 105,375



Q3, 2005
By Region

APAC=14,000
China=79,294
EMEA=4,460
LAR=5,572
USA=2,049



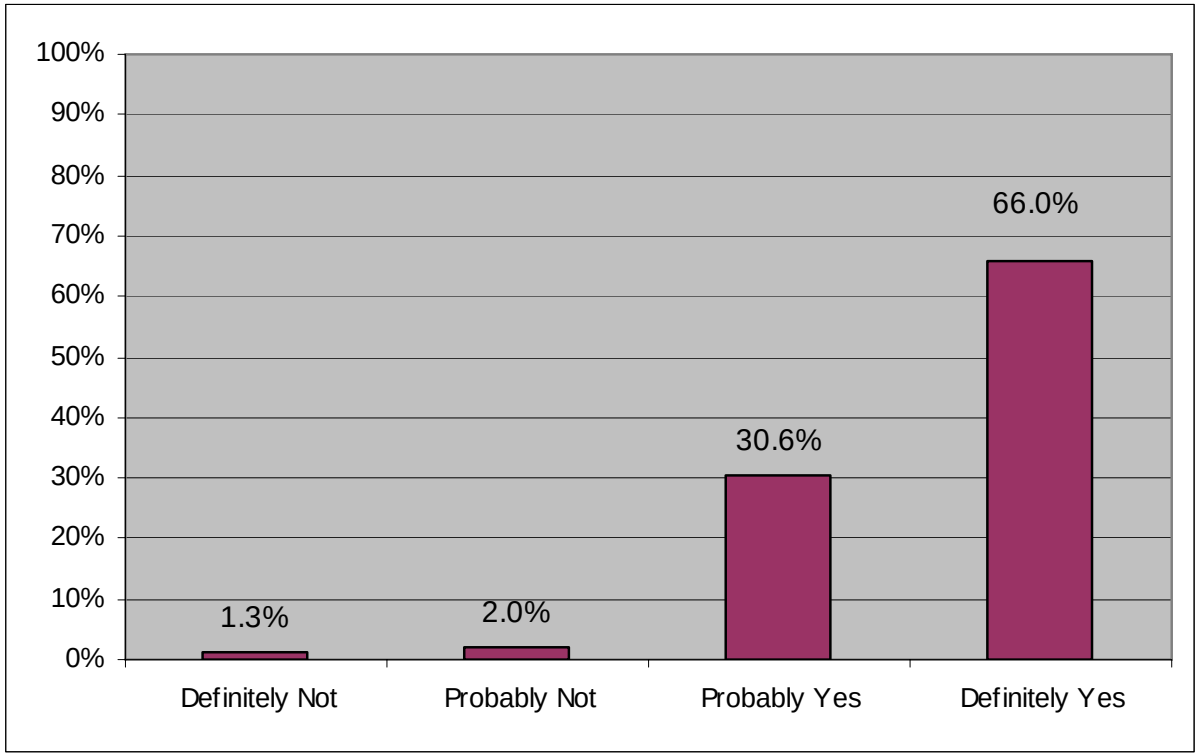
Post-Training Technology Integration:

Do Teachers feel the Training helps them Integrate Technology?

Question 6
Link to survey

Q3, 2005
Overall

Total: 106,203



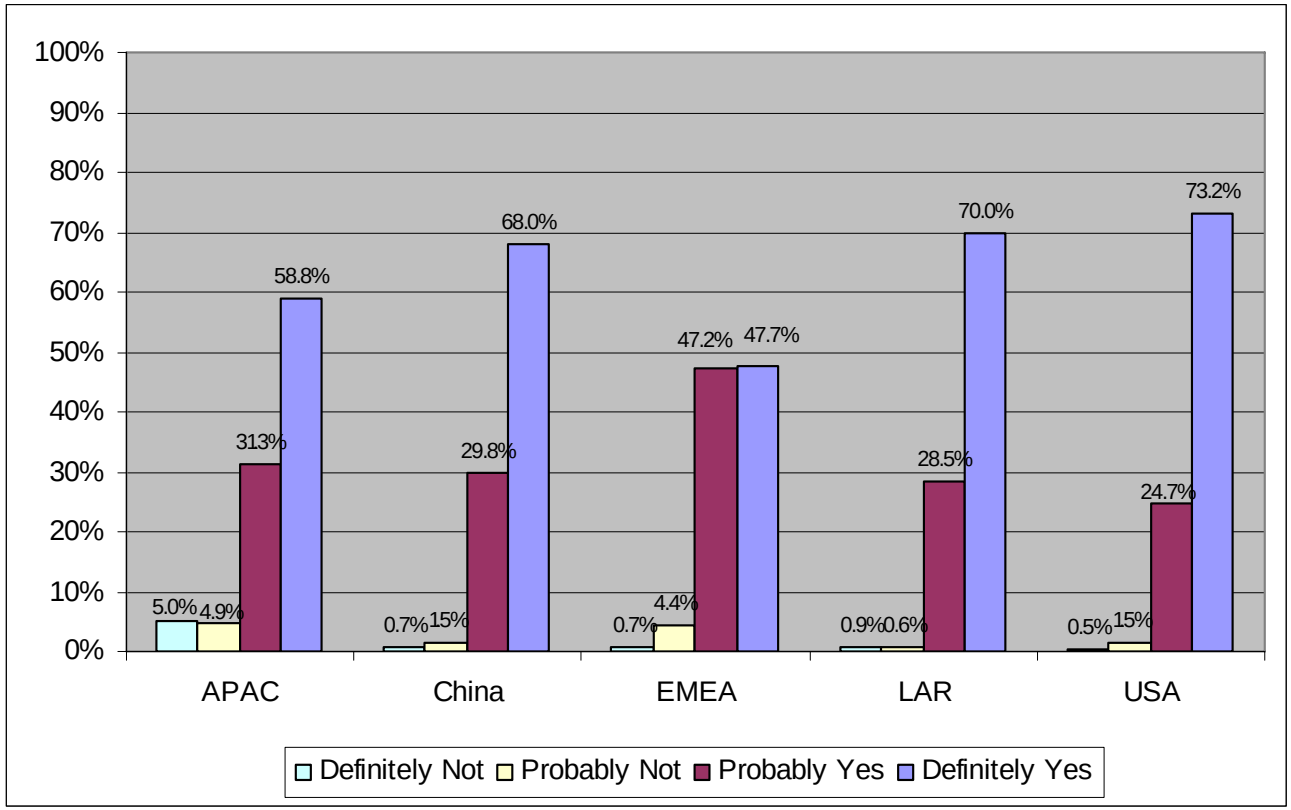
Post-Training Technology Integration:

Do Teachers feel the Training helps them Integrate Technology?

Question 6
Link to survey

Q3, 2005
By Region

APAC=15,123
China=79,275
EMEA=4,460
LAR=5,571
USA=1,774



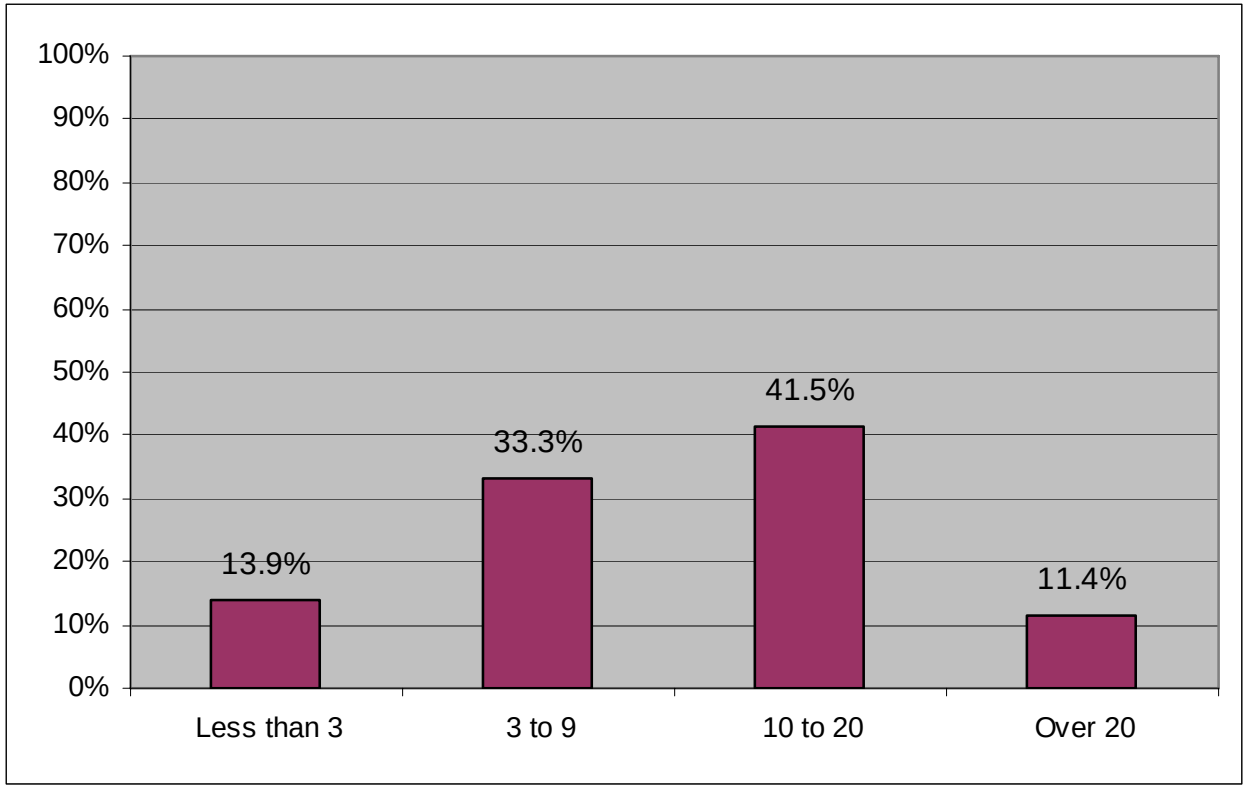
Teacher Background:

Years of Teaching Experience

Question 7
Link to survey

Q3, 2005
Overall

Total: 106,173



Return to
Highlights

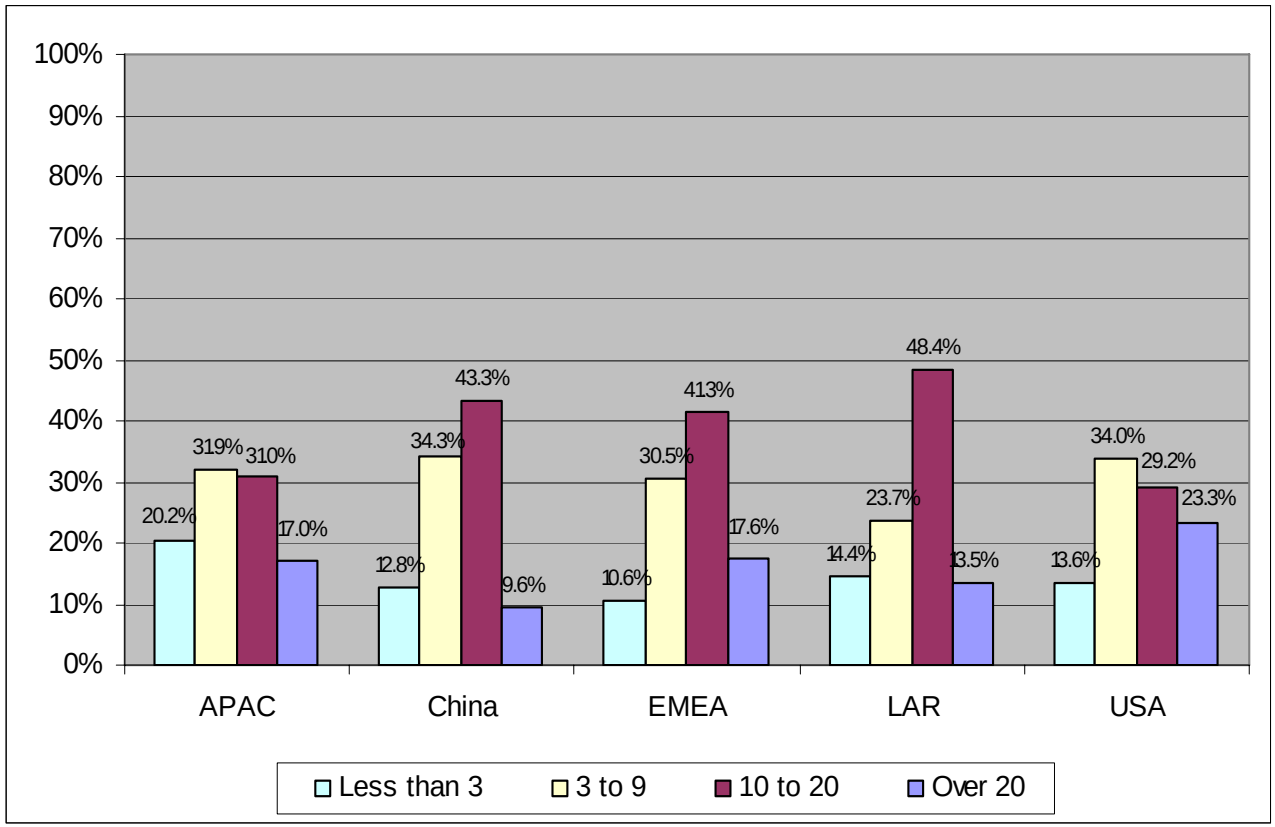
Teacher Background:

Years of Teaching Experience

Question 7
Link to survey

Q3, 2005
By Region

APAC=15,111
China=79,255
EMEA=4,460
LAR=5,571
USA=1,776



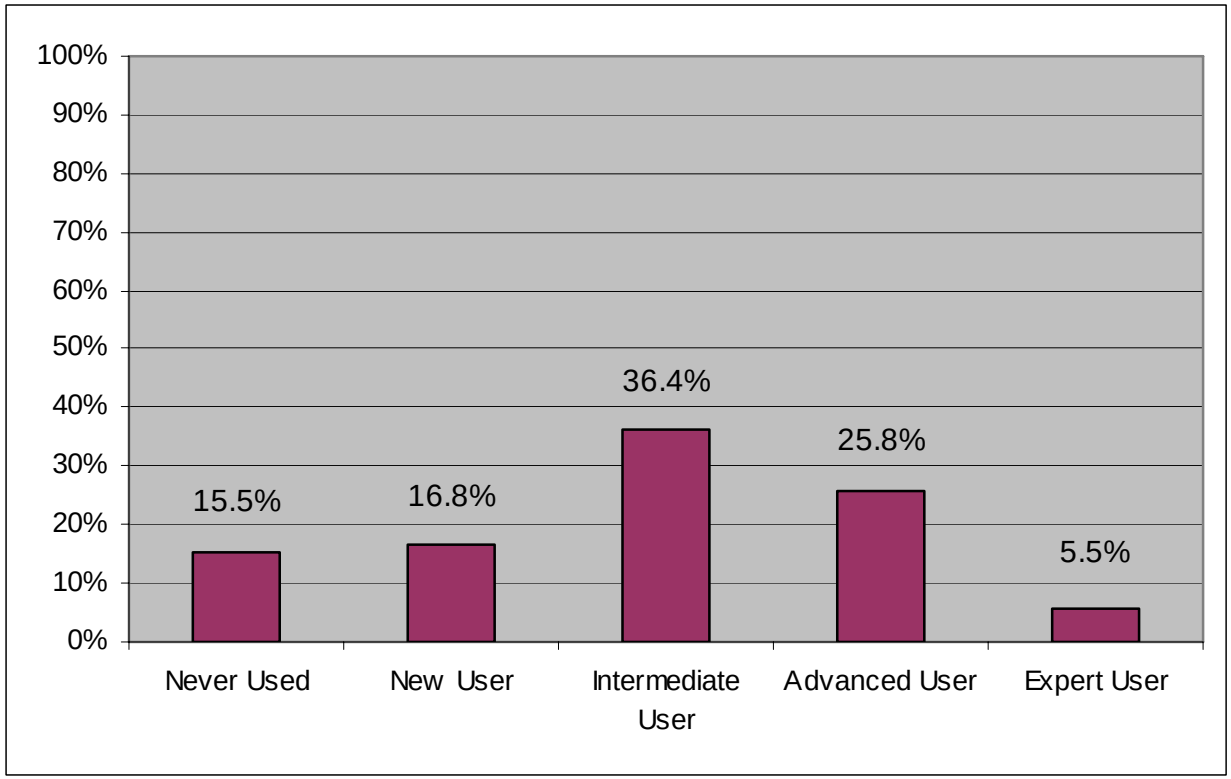
Teacher Background:

Prior Experience Integrating Technology

Question 8
Link to survey

Q3, 2005
Overall

Total: 104,513



* Taiwan did not use this question.

Return to Highlights

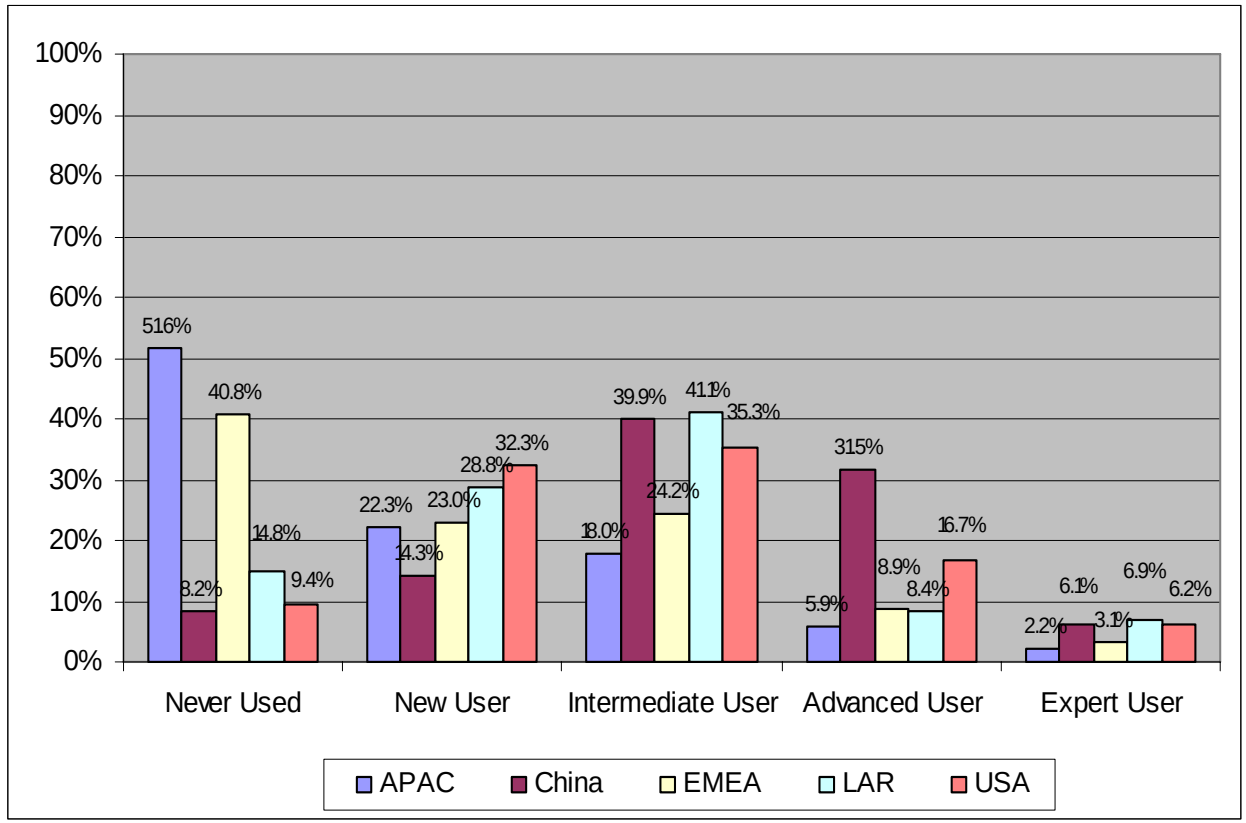
Teacher Background:

Prior Experience Integrating Technology

Question 8
Link to survey

Q3, 2005
By Region

APAC=13,371
China=79,293
EMEA=4,460
LAR=5,573
USA=1,816



* Taiwan did not use this question.

Return to Highlights

Teacher Background:

Prior Experience Integrating Technology by Country

Countries (Total)	Percentage of teachers in each category				
	Never Used	New User	Intermediate User	Advanced User	Expert User
Australia (910)	5.5%	19.1%	45.7%	22.0 %	7.7 %
China (79,294)	8.2%	14.3%	39.9%	31.5%	6.1%
India (5,995)	67.9%	14.8%	9.2%	5.9%	2.2%
Japan (566)	20.3%	30.2%	37.6%	6.9%	4.9%
Korea (2,145)	9.0%	46.3%	34.5%	7.4%	2.8%
Pakistan (2,337)	78.5%	17.7%	3.3%	0.3%	0.3%
Taiwan (1,329)	Did not use this question				
Thailand (1,972)	50.9%	22.0%	23.3%	3.5%	0.3%
Egypt (406)	12.8%	16.3%	40.4%	21.2%	9.4%
Italy (534)	4.5%	25.3%	45.9%	20.4%	3.9%
Jordan (1,331)	36.1%	22.2%	30.1%	8.7%	2.9%
Russia (1,872)	59.7%	23.0%	12.4%	3.5%	1.4%
S. Africa (24)	62.5%	0%	25.0%	12.5%	0%
Ukraine (293)	45.1%	34.1%	10.2%	6.1%	4.4%
Brazil (2,721)	12.1%	33.0%	43.6%	9.4%	2.0%
Chile (305)	7.9%	11.8%	53.0%	17.4%	9.9%
Costa Rica (243)	60.1%	18.1%	16.9%	4.9%	0%
Mexico (2,305)	14.1%	27.2%	39.2%	6.4%	13.1%
United States (2,071)	9.4%	32.3%	35.3%	16.7%	6.2%

Survey Form

End-of-Training Survey

2005 Survey Edition

Essentials Course:

End of Training Survey

Intel® 2005 End of Training Survey

1. Which course of the Intel® Teach to the Future program have you just completed?

Master Teacher Training
Participant Teacher Training

2. To what extent do the following statements describe the Intel® Teach to the Future training in which you participated? For each item below, select the choice that best represents your experience.

	Not At All 1	*Small Extent 2*	*Moderate Extent 3*	*Great Extent 4*
a) Focused on integration of technology into your teaching.				
b) Provided useful teaching strategies to use with your students.				
c) Illustrated effective uses of technology with students.				
d) Provided opportunities to collaborate with other educators during training.				

Return to Teacher Description of Training

Essentials Course:

End of Training Survey

3. Having completed your training, how well prepared do you feel to do the following activities with your students? For each item below, select the choice that best represents your experience.

	Not At All Prepared 1	*Somewhat Prepared 2*	*Moderately Prepared 3*	*Very Well Prepared 4*
a) Implement methods of teaching that emphasize independent work by students.				
b) Integrate technology into your teaching.				
c) Support your students in using technology in their schoolwork.				
d) Evaluate technology-based work your students produce.				
e) Align your teaching and assessments with required curriculum content.				

Return to Perceived Competence After Training

4. Think about the trainer who led your workshop. For the items below, select the choice that best reflects your experience.

	Not At All 1	*Somewhat 2*	*Adequately 3*	*Very 4*
a) How successful was he/she at leading participants through the process of creating unit plans?				
b) How successful was he/she at engaging the group in discussions of pedagogical and classroom management issues?				

Return to Successfulness of the Trainer

Essentials Course:

End of Training Survey

5. How useful was each of the following components of the training in helping you learn how to integrate technology into your teaching practices? For each item below, select the choice that best reflects your experience.

	Not Useful 1	*Somewhat Useful 2*	*Moderately Useful 3*	*Very Useful 4*
a) Creating, and exploring the uses of Essential Questions and Unit Questions.				
b) Discussing and thinking through the pedagogical topics.				
c) Locating and evaluating resources for your unit.				
d) Creating student multimedia presentations.				
e) Creating student publications.				
f) Creating teacher support materials.				
g) Creating student web sites.				

Return to Usefulness of Training Components

6. Will the ideas and skills you learned from the Intel® Teach to the Future training help you successfully integrate technology into your students' activities?

Definitely Not
Probably Not
Probably Yes
Definitely Yes

Return to Post-Training Technology Integration

Essentials Course:

End of Training Survey

7. How many years of teaching experience do you have?

Less than 3
3 to 9
10 to 20
Over 20

Return to Years of Teaching Experience

8. Please select the term that best describes your level of experience integrating technology into your teaching BEFORE the Intel® Teach to the Future training.

Never Used before with Students
New User (for example, you have tried a few times to have your students use technology during your classes)
Intermediate User (for example, you have a few lessons involving technology that you feel comfortable having your students do during your classes)
Advanced User (for example, you regularly have your students use technology to engage in school work)
Expert User (for example, you are a technology leader in your school, or you train others in the use of technology)

Return to Prior Experience with Technology