

**Analysis of L3 and L4 LSC Funded
Provision in Terms of Student Numbers,
Modes of Study, and Types of Provision**

Agriculture, horticulture and animal care

April 2007

Commissioned from:

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1 Introduction, Methodology and Structure

Manchester Enterprises (ME) was commissioned by the Greater Manchester Strategic Alliance (GMSA) in March 2007 to undertake an analysis of 2005/06 Learning and Skills Council (LSC) provision of Level 3 and above qualifications within Greater Manchester. This report is one of seven, each of which look at provision in one of the following LSC sector subject areas:

- Health, public services and care
- Agriculture, horticulture and the animal care
- Construction, planning and the built environment
- Information and communication technology
- Retail and commercial enterprise
- Arts, media and publishing
- Business, administration and the law

This report focuses on provision in the Agriculture, horticulture and animal care sector subject area.

ME used Level 3+ supply data for qualifications delivered by Greater Manchester institutions obtained from the LSC's 2005/6 Individualised Learner Record. This data provides a detailed picture of LSC Level 3+ supply, allowing analysis by:

- course title;
- level of qualification;
- mode of delivery (e.g. full-time, part-time); and
- institution/provider.

It should be noted that there will be some cases of double counting within the data caused by learners undertaking more than one course (for example, when a student takes two or more AS Levels) although, due to the complexities of the qualifications framework, it is not possible to easily quantify the impact of this on individual skills outcomes. Further, the data excludes non-LSC funded Level 3+ data (such as that delivered via Greater Manchester's Higher Education Institutions). Therefore the report provides results which should be interpreted as being broadly indicative of current supply but not a precise measure of future skills outcomes.

The remainder of the report is structured as follows:

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- **Types of qualifications offered in Agriculture, horticulture, and animal care.** This section examines which institutions had provision in Agriculture, horticulture and animal care in 2005/6, what type of provision this was (e.g. National Certificate, National Diploma, 'A' Level), and whether the mode of delivery was full-time or part-time
 - **Geographical distribution of Agriculture, horticulture, and animal care provision.** This section examines the provision in terms of the number of learners, level of qualification, and institutional and geographical 'hotspots'.
 - **Qualifications offered in Agriculture, horticulture, and animal care.** This final section analyses the supply data in some detail, looking specifically at the major qualifications/courses offered in terms of the location and the mode of delivery.

2 Results

2.1 Types of qualifications offered in Agriculture, horticulture, and animal care

Figure 1 (below) shows that 14 institutions in Greater Manchester offer courses at Level 3 and above in Agriculture, horticulture and animal care. The table shows provision broken down by the number in full-time and part-time learning (if no figures are shown then the institution had no provision for that qualification in 2005/06). Numbers shown in Figure 1 will not sum to those shown in Figure 2, as Figure 1 excludes records that do not constitute a full qualification (such as NVQ/GNVQ units) and records that cannot be assigned to a specific qualification outcome (such as unspecified approved external qualification).¹ Numbers in Figure 1 are intended for information only as they involve a certain amount of subjective judgement. Therefore, when quoting figures, wherever possible please use numbers from Figure 2 which are taken directly from the LSC's ILR.

In terms of types of qualification offered, City College Manchester and Hopwood Hall College have the greatest variety of provision. City College Manchester offers courses leading to a National Certificate, an Advanced National Certificate, a NVQ Level 3, and a Certificate (Level 3). Hopwood Hall College offers courses leading to a National Award, National Diploma and a National Certificate. Four institutions (Aquinas College, Bury College, Oldham Sixth Form College and Xaverian College) only offer courses which lead to an AS Level qualification.

Figure 1: Greater Manchester institutions with provision in Agriculture, horticulture, and animal care, 2005-2006

NAME OF PROVIDER	TYPE OF PROVISION																
	Access course		National Award		National Certificate		National Diploma		Advanced National Certificate		NVQ Level 3		AS Level		Certificate (Level 3)		
	FT	PT	FT	PT	FT	PT	FT	PT	PT	PT	FT	PT	FT	PT	FT	PT	
Colleges																	
Aquinas College														44	0		
Bury College														19	0		
Cheadle And Marple 6th Form College					54	0								14	0		
City College Manchester					23	0			0	4	1	4				33	5
Hopwood Hall College					12	3	31	10									
MANCAT	22	0															
Oldham Sixth Form College													14	0			
Pendleton College			24		12	0											
Salford College			13				23	0									
Stockport College					34	0			16	0							

¹

For example, records that have been excluded from this section include:

- Additional 2 NVQ/GNVQ units, Level 3, PW E, Agriculture, Horticulture and Animal Care (SSA 3); and
- Unitisation (approved external qualification) Level 3, Agriculture, Horticulture and Animal Care (SSA 3), PW E

The Oldham College					21	0											
Wigan And Leigh College			10	27												0	9
Xaverian College														36	0		
Others																	
Oldham MBC					0	6											
TOTAL	22	0	47	27	156	9	54	10	16	4	1	4	127	0	33	14	

Definitions of the qualifications offered are as follows:

Access Course:

The main aim of Access programmes is to prepare adult learners from non-traditional backgrounds and under-represented groups for admission to undergraduate education. Most access courses last between six months and a year.

National Award:

A practical, work-related course, this is the lower level BTEC or equivalent qualification. Learning is conducted through completion of projects and assignments that are based on realistic workplace situations, activities and demands. It is equivalent to one 'A' level.

National Certificate:

A practical, work-related course, this is the mid level BTEC or equivalent qualification. Learning is conducted through completion of projects and assignments that are based on realistic workplace situations, activities and demands. It is equivalent to two 'A' levels.

National Diploma:

A practical, work-related course, this is the higher-level BTEC or equivalent. Learning is conducted through completion of projects and assignments that are based on realistic workplace situations, activities and demands. It is equivalent to three 'A' levels.

Advanced National Certificate:

The advanced national certificate is a vocational qualification that is equivalent to the BTEC National Diploma.

NVQ Level 3:

National Vocational Qualifications (NVQs) are work-related qualifications designed for progression to work in specific industries. There are five levels, ranging from Foundation Skills (Level 1) to Chartered, Professional and Senior Management Occupations (Level 5). The first three levels can be studied at 16, but the other two require more experience. NVQ Level 3 is equivalent to two 'A' level.

AS Level:

Advanced Subsidiary/Advanced Level (AS Level/'A' Level) certificates are offered in a wide variety of subjects, some of which are more vocational in nature. A full 'A' level is made up of six units: three AS units in the first year and a further three units called A2 in the second year. Most students take three or four AS subjects in the first year and carry three on as A2 subjects in the second year to gain full 'A' levels.

Certificate (Level 3):

A vocational qualification equivalent to NVQ level 3.

2.2 Geographical distribution of Agriculture, horticulture, and animal care provision

Figure 2 (below) shows learner numbers by institution and the level of qualification undertaken. All Level 3 and above provision in Agriculture, horticulture and animal care in 2005/6 was at Level 3; none was at Level 4, 5, or higher. The largest providers in terms of the number of learners were City College Manchester and Salford College (each with 87 learners), followed by Cheadle and Marple Sixth Form College (68 learners) and Hopwood Hall College (67 learners).

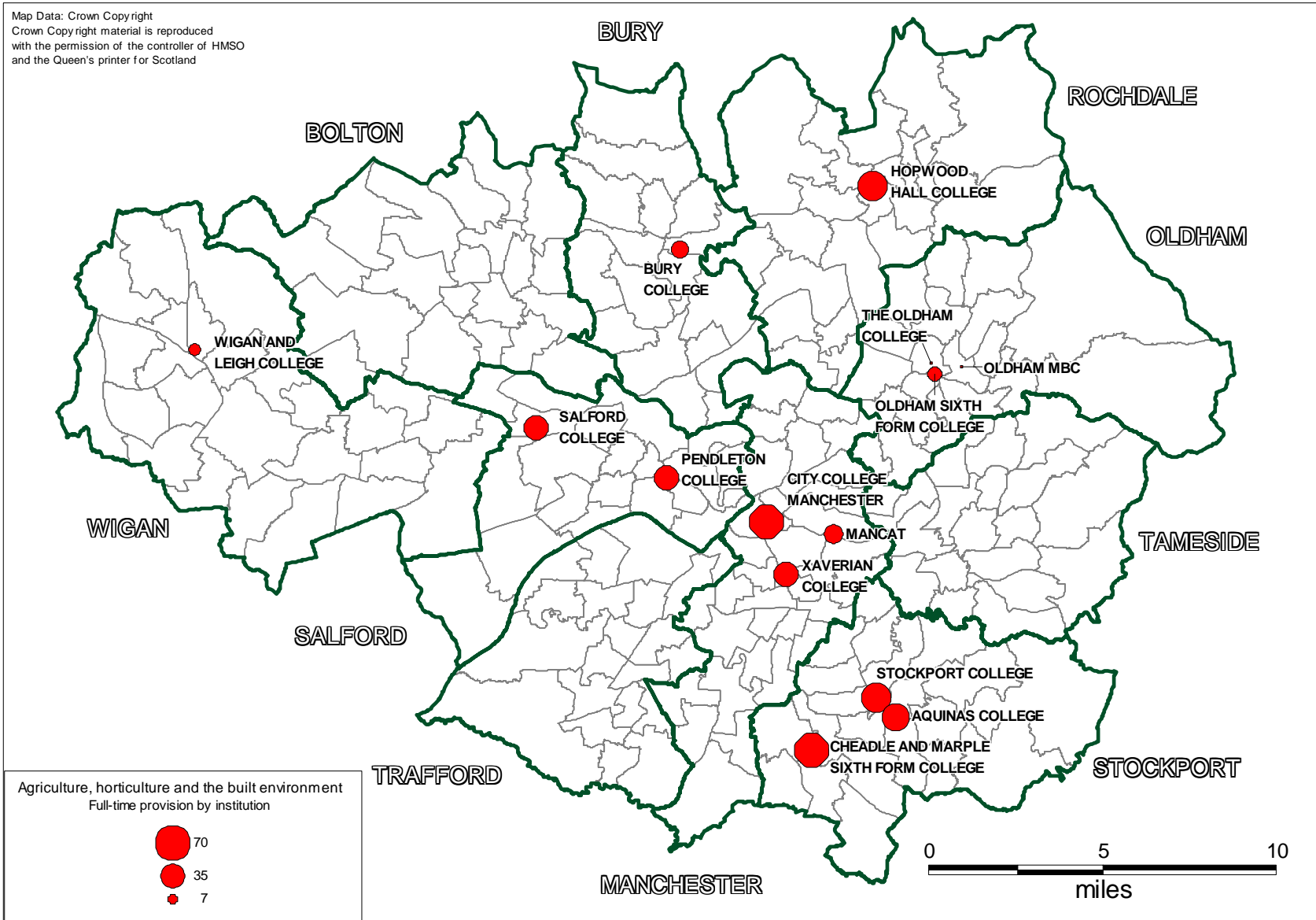
Figure 2: Agriculture, horticulture, and animal care learner numbers by institution and level of qualification, 2005-2006

NAME OF PROVIDER	Level of qualification		
	Level 3	Level 4, 5 or higher	Total
Colleges			
Aquinas College	44	0	44
Bury College	19	0	19
Cheadle And Marple Sixth Form College	68	0	68
City College Manchester	87	0	87
Hopwood Hall College	67	0	67
Manchester College Of Arts And Technology	22	0	22
Oldham Sixth Form College	14	0	14
Pendleton College	36	0	36
Salford College	87	0	87
Stockport College	50	0	50
The Oldham College	21	0	21
Wigan And Leigh College	46	0	46
Xaverian College	36	0	36
Total in colleges	597	0	597
Others			
Oldham MBC	6	0	6
Total others	6	0	6
TOTAL ALL PROVIDERS	603	0	603

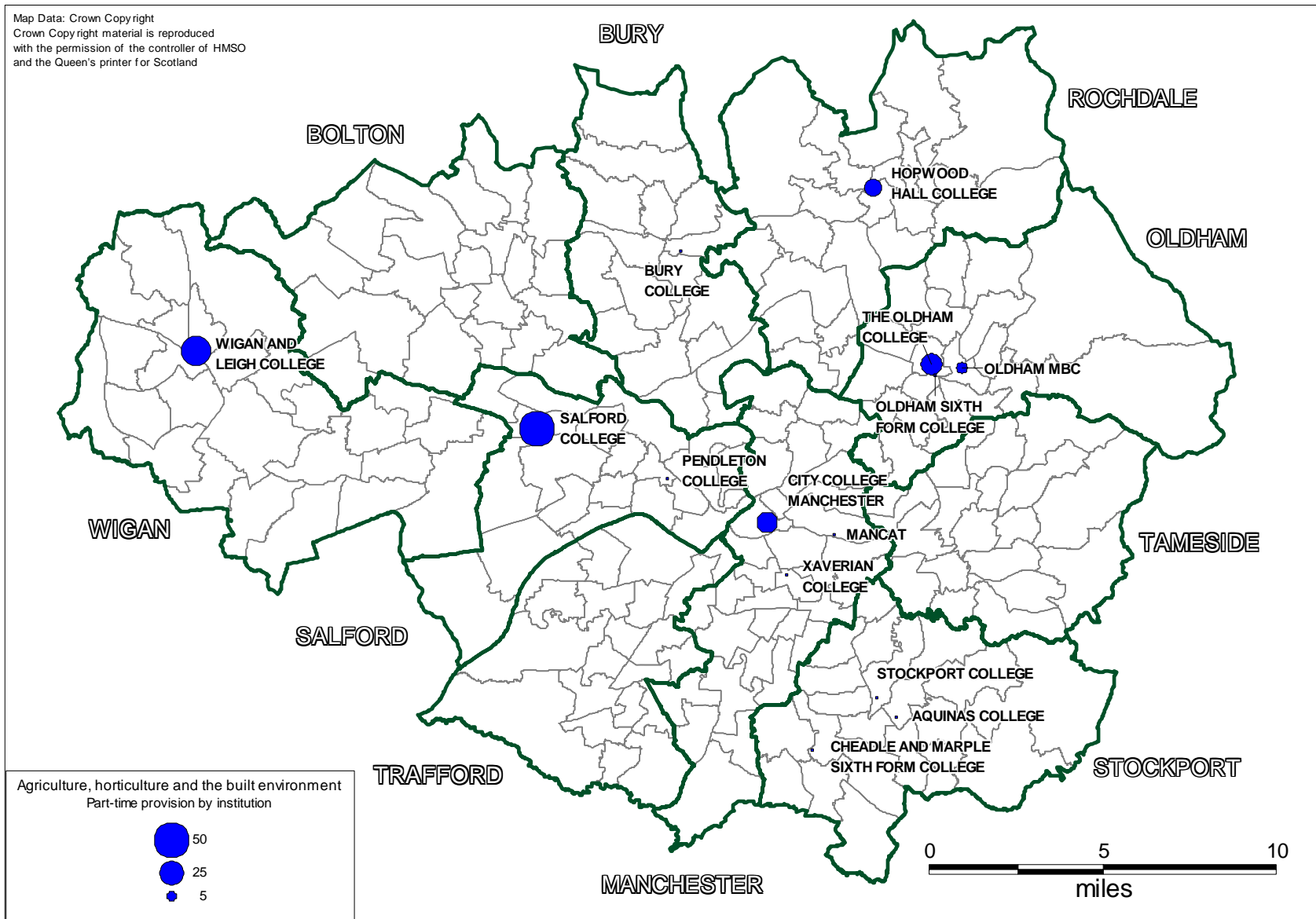
Map 1 (overleaf) shows that full-time LSC provision is concentrated in colleges in the districts of Manchester, Salford and Stockport. Map 2 (overleaf) shows that part-time provision is

delivered in fewer institutions, with concentrations in Salford College and Wigan and Leigh College. The figures quoted in both maps are based on the same data as Figure 2.

Map 1: Geographical distribution of full-time LSC provision in Agriculture, horticulture, and animal care by location of institution



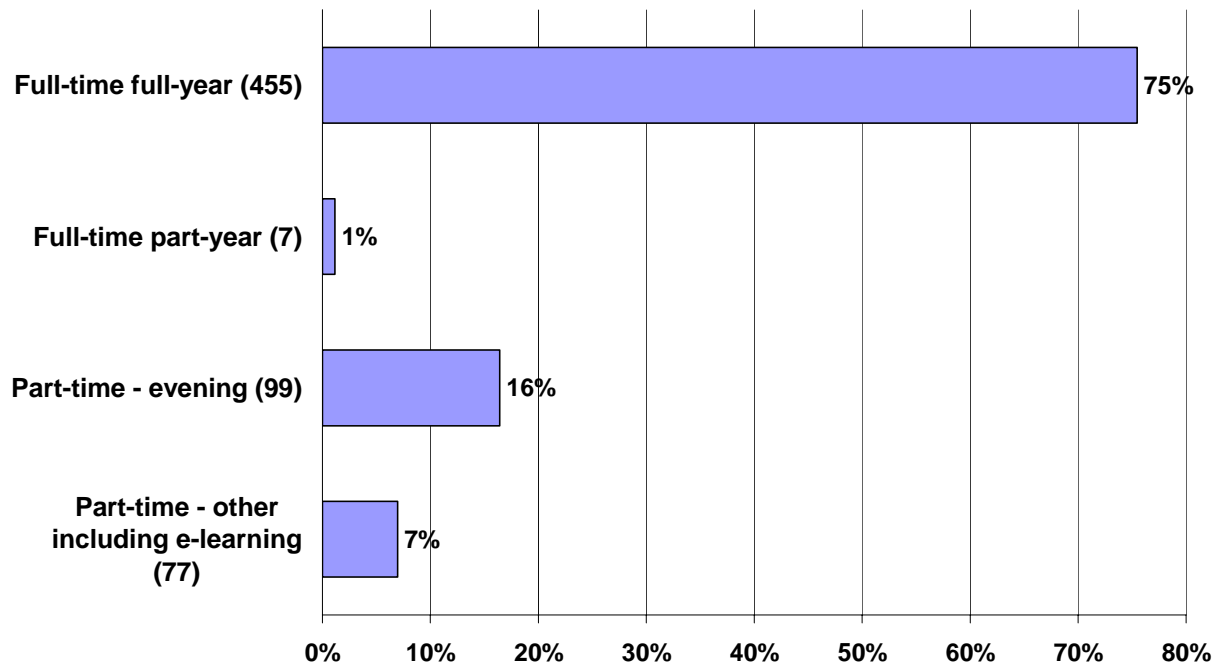
Map 2 Geographical distribution of part-time LSC provision in Agriculture, horticulture, and animal care by location of institution



2.3 Qualifications offered in Agriculture, horticulture, and animal care

Figure 3 provides a breakdown of the mode of study for Level 3 and above qualifications in Agriculture, horticulture and animal care delivered in Greater Manchester in 2005/6. Three quarters (75% or 455) of the courses delivered were full-time for a full-year, 16% (99) were part-time evening, 7% (42) were other part-time (including e-learning), and the remaining 1% (7) were full-time for a part-year.

Figure 3 Agriculture, horticulture and animal care provision by mode of study (number of courses shown in brackets)



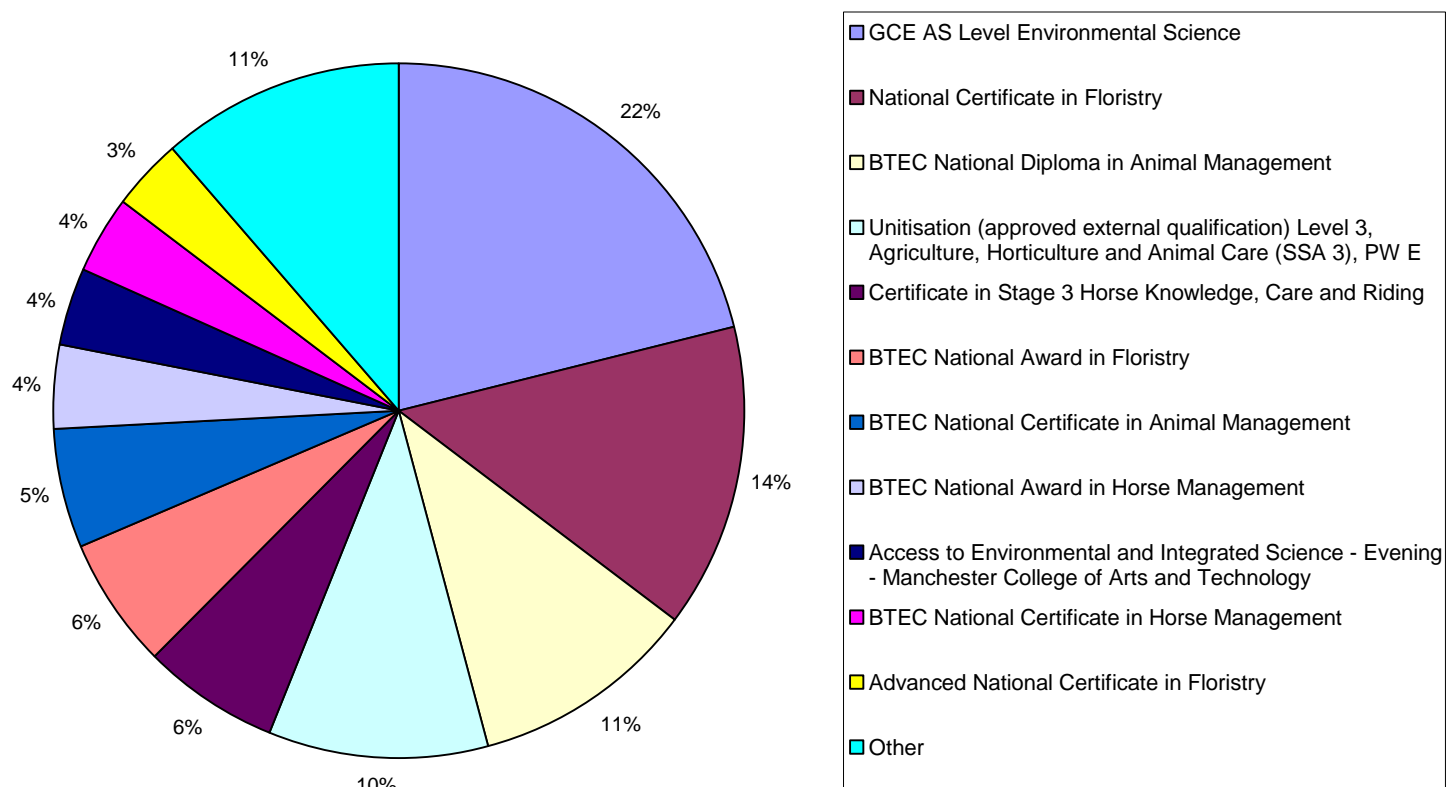
A total of 20 different courses and qualifications were offered in Agriculture, horticulture and animal care in 2005/6 (see Annex 3 for a full list). Figure 4 shows the qualifications with the largest provision in Greater Manchester, these were:

- GCE AS Level Environmental Science (127 learners);
- National Certificate in Floristry (86 learners); and
- BTEC National Diploma in Animal Management (64 learners)
- These three programmes accounted for almost half (46%) of all provision in Agriculture, horticulture and animal care.

Other major areas of delivery were:

- Certificate in Stage 3 Horse Knowledge, Care and Riding (38);
- BTEC National Award in Floristry (37); and
- BTEC National Certificate in Animal Management (33).

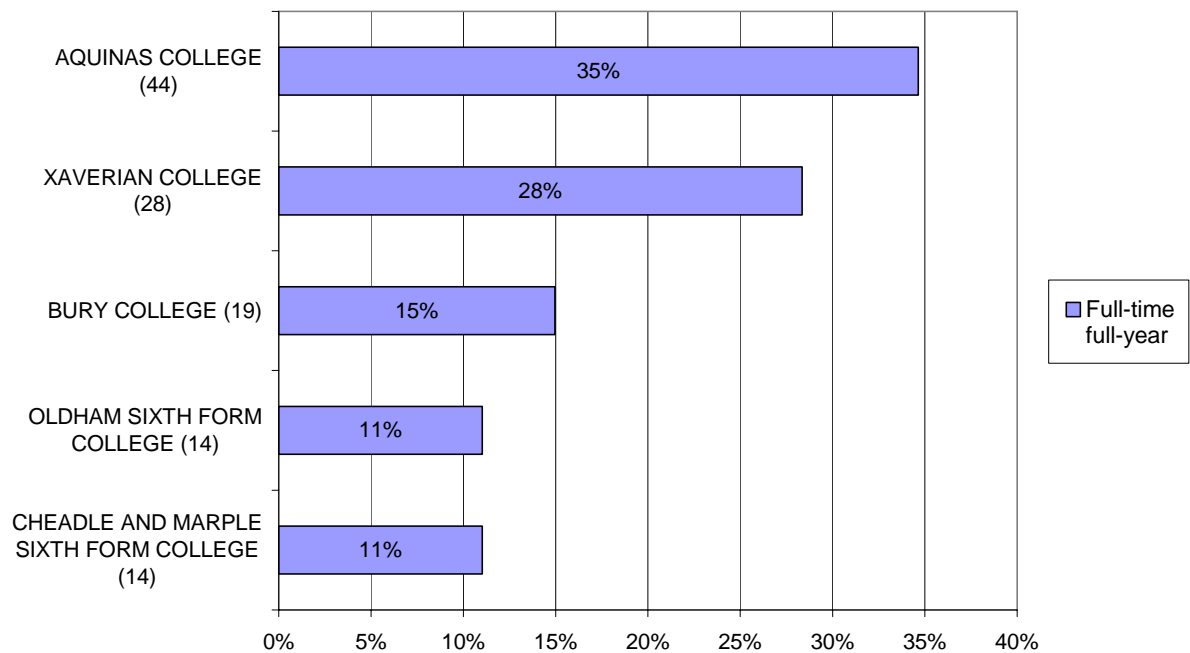
Figure 4 Key Level 3 qualifications as a proportion of total Agriculture, horticulture and animal care Level 3 provision



GCE AS Level Environmental Science was the course with the highest level of provision in Agriculture, horticulture and animal care. Figure 5 shows that:

- It was primarily delivered by two institutions: Aquinas College (35% or 44 learners) and Xaverian College (28% or 36 learners).
- Bury College (15% or 19 learners), Cheadle and Marple Sixth Form College (11% or 14 learners), and Oldham Sixth Form College (11% or 14 learners) also had provision for this qualification.
- All provision for this qualification was full-time for a full year.

Figure 5 GCE AS Level Environmental Science by institution and mode of delivery



National Certificate in Floristry has the next highest level of provision in Agriculture, horticulture and animal care. Figure 6 shows that:

- It was predominantly delivered by two institutions – Stockport College (40% or 34 learners) and The Oldham College (24% or 21 learners)
- There were smaller amounts of provision at Hopwood Hall College (15% or 13 learners), City College Manchester (14% or 12 learners) and Oldham Metropolitan Borough Council (7% or 6 learners).
- Two thirds (65% or 56 learners) of provision for this course was full-time for a full year, 24% (21 learners) was part-time in the evening, and 10% (9 learners) was other part-time (including e-learning).

Figure 6 National Certificate in Floristry provision by institution and mode of delivery

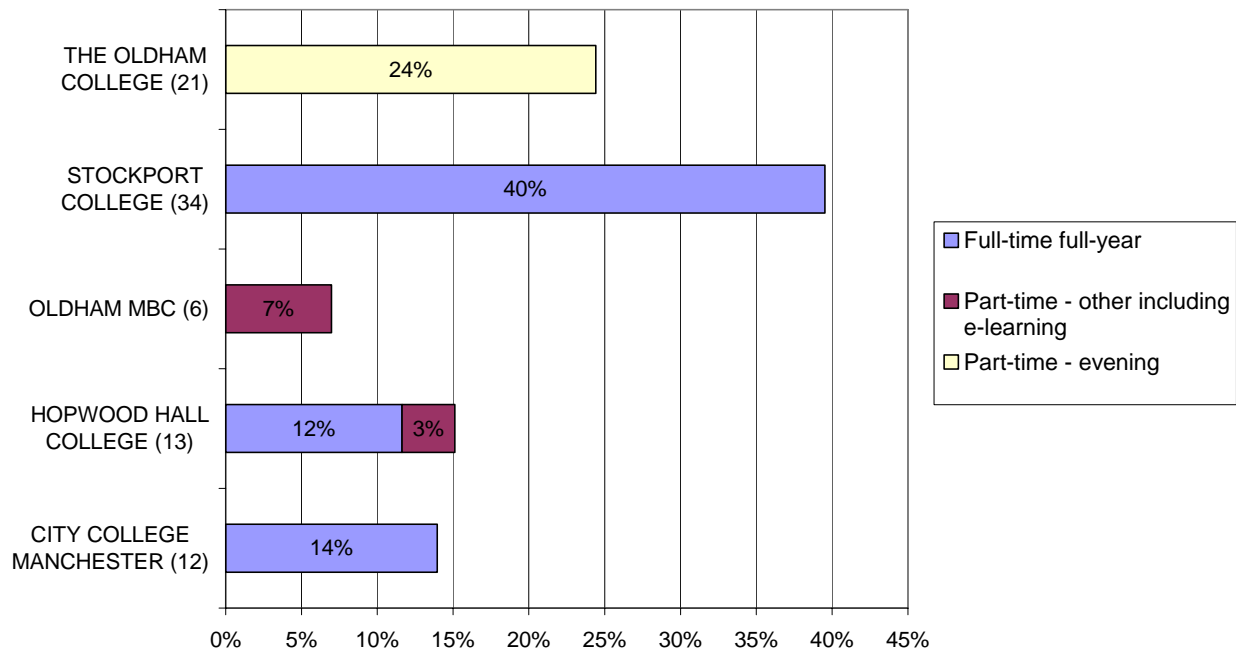
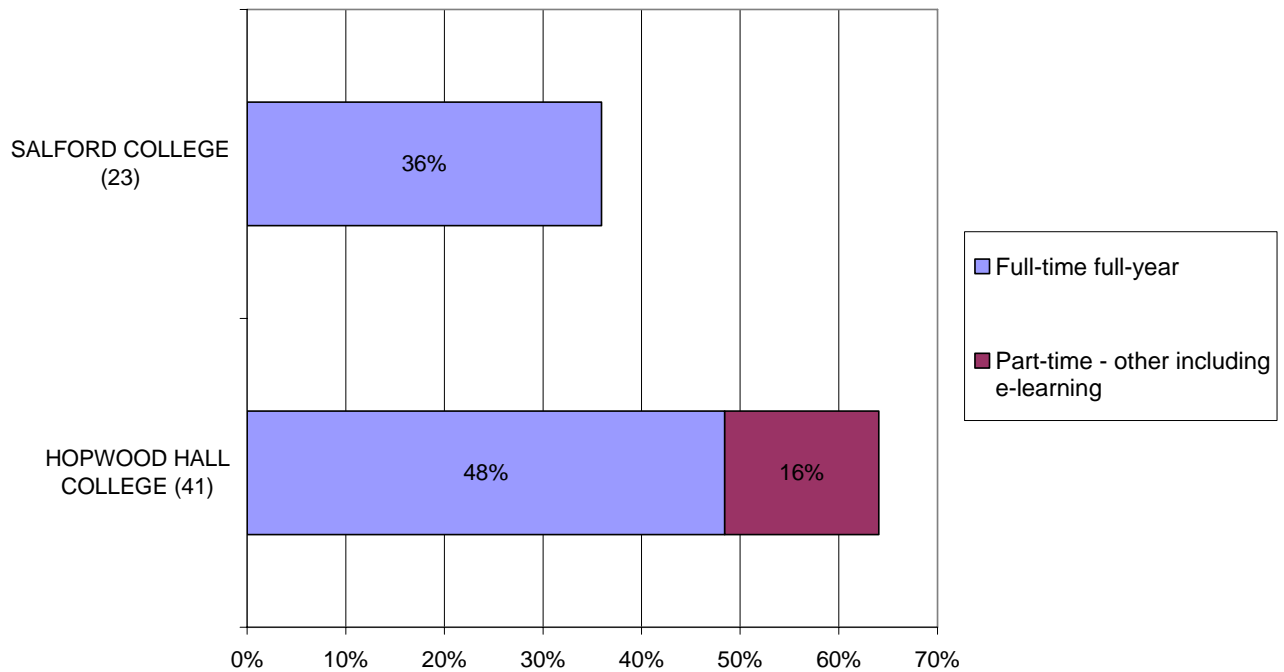


Figure 7 shows that provision for **BTEC National Diploma in Animal Management** was:

- Solely by two institutions: Hopwood Hall College (64% or 41 learners) and Salford College (36% or 23 learners).
- Predominantly full-time. Over four-fifths (84% or 54 learners) of provision for this qualification was full-time for a full year, the remainder (16% or 10 learners) was delivered as other part-time (including e-learning).

Figure 7 BTEC National Diploma in Animal Management provision by institution and mode of delivery



3 Annex 1: Background LSC data, 2005-2006: Agriculture, horticulture, and animal care sorted by institution

Learning Aim	Course Title	Level	Mode	Provider	Number of learners
10003393	GCE AS Level Environmental Science	L3	Full-time full-year	Aquinas College	44
10003393	GCE AS Level Environmental Science	L3	Full-time full-year	Bury College	19
10003393	GCE AS Level Environmental Science	L3	Full-time full-year	Cheadle And Marple Sixth Form College	14
10018499	BTEC National Certificate in Horse Management	L3	Full-time full-year	Cheadle And Marple Sixth Form College	22
10018797	BTEC National Certificate in Animal Management	L3	Full-time full-year	Cheadle And Marple Sixth Form College	32
10015073	National Certificate in Floristry	L3	Full-time full-year	City College Manchester	12
10015310	Advanced National Certificate in Floristry	L3	Part-time - other inc. e-learning	City College Manchester	4
10025017	NVQ in Environmental Conservation	L3	Part-time - other inc. e-learning	City College Manchester	2
10033889	Certificate in Stage 3 Horse Knowledge, Care and Riding	L3	Full-time full-year	City College Manchester	32
10033889	Certificate in Stage 3 Horse Knowledge, Care and Riding	L3	Full-time part-year	City College Manchester	1
10033889	Certificate in Stage 3 Horse Knowledge, Care and Riding	L3	Part-time - other inc. e-learning	City College Manchester	5
1001505X	National Certificate in Horticulture	L3	Full-time full-year	City College Manchester	11
1002394X	NVQ in Amenity Horticulture	L3	Part-time - other inc. e-learning	City College Manchester	2
CUNA302E	Unitisation (approved external qualification): Level 3, Area of Learning 2, PW E	L3	Full-time part-year	City College Manchester	6
Q1053810	NVQ in Horse Care and Management	L3	Full-time full-year	City College Manchester	1
ZUNA303E	Unitisation (approved external qualification) Level 3, Agriculture, Horticulture and Animal Care (SSA 3), PW E	L3	Full-time full-year	City College Manchester	11
10015073	National Certificate in Floristry	L3	Full-time full-year	Hopwood Hall College	10
10015073	National Certificate in Floristry	L3	Part-time - other inc. e-learning	Hopwood Hall College	3
10018785	BTEC National Diploma in Animal Management	L3	Full-time full-year	Hopwood Hall College	31
10018785	BTEC National Diploma in Animal Management	L3	Part-time - other inc. e-learning	Hopwood Hall College	10
10018797	BTEC National Certificate in Animal Management	L3	Full-time full-year	Hopwood Hall College	1
10018803	BTEC National Award in Animal Management	L3	Full-time full-year	Hopwood Hall College	1

Z9V2303E	Additional 2 NVQ/GNVQ units, Level 3, PW E, Agriculture, Horticulture and Animal Care (SSA 3)	L3	Full-time full-year	Hopwood Hall College	10
Z9V2303E	Additional 2 NVQ/GNVQ units, Level 3, PW E, Agriculture, Horticulture and Animal Care (SSA 3)	L3	Part-time - other inc. e-learning	Hopwood Hall College	1
00273248	Access to Environmental and Integrated Science - Evening - Manchester College of Arts and Technology	L3	Full-time full-year	MANCAT	22
10015073	National Certificate in Floristry	L3	Part-time - other inc. e-learning	Oldham MBC	6
10003393	GCE AS Level Environmental Science	L3	Full-time full-year	Oldham Sixth Form College	14
10018505	BTEC National Award in Horse Management	L3	Full-time full-year	Pendleton College	24
ZN13033E	Conversion Code: EDEXCEL BTEC National Award to Certificate, SSA 3.3, PWF E	L3	Full-time full-year	Pendleton College	12
10018785	BTEC National Diploma in Animal Management	L3	Full-time full-year	Salford College	23
10018803	BTEC National Award in Animal Management	L3	Full-time full-year	Salford College	13
ZUNA303E	Unitisation (approved external qualification) Level 3, Agriculture, Horticulture and Animal Care (SSA 3), PW E	L3	Part-time - evening	Salford College	51
10015073	National Certificate in Floristry	L3	Full-time full-year	Stockport College	34
10015310	Advanced National Certificate in Floristry	L3	Full-time full-year	Stockport College	16
10015073	National Certificate in Floristry	L3	Part-time - evening	The Oldham College	21
10018463	BTEC National Award in Floristry	L3	Full-time full-year	Wigan And Leigh College	10
10018463	BTEC National Award in Floristry	L3	Part-time - evening	Wigan And Leigh College	27
10024402	Advanced Certificate for the Environmental Practitioner	L3	Part-time - other inc. e-learning	Wigan And Leigh College	9
10003393	GCE AS Level Environmental Science	L3	Full-time full-year	Xaverian College	36
TOTAL					603

4 Annex 2: Background LSC data, 2005-2006: Agriculture, horticulture, and animal care sorted by qualification

Learning Aim	Course Title	Level	Mode	Provider	Number of learners
00273248	Access to Environmental and Integrated Science - Evening - Manchester College of Arts and Technology	L3	Full-time full-year	MANCAT	22
Z9V2303E	Additional 2 NVQ/GNVQ units, Level 3, PW E, Agriculture, Horticulture and Animal Care (SSA 3)	L3	Full-time full-year	Hopwood Hall College	10
Z9V2303E	Additional 2 NVQ/GNVQ units, Level 3, PW E, Agriculture, Horticulture and Animal Care (SSA 3)	L3	Part-time - other inc. e-learning	Hopwood Hall College	1
10024402	Advanced Certificate for the Environmental Practitioner	L3	Part-time - other inc. e-learning	Wigan And Leigh College	9
10015310	Advanced National Certificate in Floristry	L3	Part-time - other inc. e-learning	City College Manchester	4
10015310	Advanced National Certificate in Floristry	L3	Full-time full-year	Stockport College	16
10018803	BTEC National Award in Animal Management	L3	Full-time full-year	Hopwood Hall College	1
10018803	BTEC National Award in Animal Management	L3	Full-time full-year	Salford College	13
10018463	BTEC National Award in Floristry	L3	Full-time full-year	Wigan And Leigh College	10
10018463	BTEC National Award in Floristry	L3	Part-time - evening	Wigan And Leigh College	27
10018505	BTEC National Award in Horse Management	L3	Full-time full-year	Pendleton College	24
10018797	BTEC National Certificate in Animal Management	L3	Full-time full-year	Cheadle And Marple Sixth Form College	32
10018797	BTEC National Certificate in Animal Management	L3	Full-time full-year	Hopwood Hall College	1
10018499	BTEC National Certificate in Horse Management	L3	Full-time full-year	Cheadle And Marple Sixth Form College	22
10018785	BTEC National Diploma in Animal Management	L3	Full-time full-year	Hopwood Hall College	31
10018785	BTEC National Diploma in Animal Management	L3	Part-time - other inc. e-learning	Hopwood Hall College	10
10018785	BTEC National Diploma in Animal Management	L3	Full-time full-year	Salford College	23
10033889	Certificate in Stage 3 Horse Knowledge, Care and Riding	L3	Full-time full-year	City College Manchester	32
10033889	Certificate in Stage 3 Horse Knowledge, Care and Riding	L3	Full-time part-year	City College Manchester	1
10033889	Certificate in Stage 3 Horse Knowledge, Care and Riding	L3	Part-time - other inc. e-learning	City College Manchester	5
ZN13033E	Conversion Code: EDEXCEL BTEC National Award to Certificate, SSA 3.3, PWF E	L3	Full-time full-year	Pendleton College	12
10003393	GCE AS Level Environmental Science	L3	Full-time full-year	Aquinas College	44

10003393	GCE AS Level Environmental Science	L3	Full-time full-year	Bury College	19
10003393	GCE AS Level Environmental Science	L3	Full-time full-year	Cheadle And Marple Sixth Form College	14
10003393	GCE AS Level Environmental Science	L3	Full-time full-year	Oldham Sixth Form College	14
10003393	GCE AS Level Environmental Science	L3	Full-time full-year	Xaverian College	36
10015073	National Certificate in Floristry	L3	Full-time full-year	City College Manchester	12
10015073	National Certificate in Floristry	L3	Full-time full-year	Hopwood Hall College	10
10015073	National Certificate in Floristry	L3	Part-time - other inc. e-learning	Hopwood Hall College	3
10015073	National Certificate in Floristry	L3	Part-time - other inc. e-learning	Oldham Metropolitan Borough Council	6
10015073	National Certificate in Floristry	L3	Full-time full-year	Stockport College	34
10015073	National Certificate in Floristry	L3	Part-time - evening	The Oldham College	21
1001505X	National Certificate in Horticulture	L3	Full-time full-year	City College Manchester	11
1002394X	NVQ in Amenity Horticulture	L3	Part-time - other inc. e-learning	City College Manchester	2
10025017	NVQ in Environmental Conservation	L3	Part-time - other inc. e-learning	City College Manchester	2
Q1053810	NVQ in Horse Care and Management	L3	Full-time full-year	City College Manchester	1
ZUNA303E	Unitisation (approved external qualification) Level 3, Agriculture, Horticulture and Animal Care (SSA 3), PW E	L3	Full-time full-year	City College Manchester	11
ZUNA303E	Unitisation (approved external qualification) Level 3, Agriculture, Horticulture and Animal Care (SSA 3), PW E	L3	Part-time - evening	Salford College	51
CUNA302E	Unitisation (approved external qualification): Level 3, Area of Learning 2, PW E	L3	Full-time part-year	City College Manchester	6
TOTAL					603

5 Annex 3: Background LSC data, 2005-2006: List of qualifications in Agriculture, horticulture, and animal care

Learning Aim	Course Title	Level	Number of learners
00273248	Access to Environmental and Integrated Science - Evening - Manchester College of Arts and Technology	L3	22
Z9V2303E	Additional 2 NVQ/GNVQ units, Level 3, PW E, Agriculture, Horticulture and Animal Care (SSA 3)	L3	11
10024402	Advanced Certificate for the Environmental Practitioner	L3	9
10015310	Advanced National Certificate in Floristry	L3	20
10018803	BTEC National Award in Animal Management	L3	14
10018463	BTEC National Award in Floristry	L3	37
10018505	BTEC National Award in Horse Management	L3	24
10018797	BTEC National Certificate in Animal Management	L3	33
10018499	BTEC National Certificate in Horse Management	L3	22
10018785	BTEC National Diploma in Animal Management	L3	64
10033889	Certificate in Stage 3 Horse Knowledge, Care and Riding	L3	38
ZN13033E	Conversion Code: EDEXCEL BTEC National Award to Certificate, SSA 3.3, PWF E	L3	12
10003393	GCE AS Level Environmental Science	L3	127
10015073	National Certificate in Floristry	L3	86
1001505X	National Certificate in Horticulture	L3	11
1002394X	NVQ in Amenity Horticulture	L3	2
10025017	NVQ in Environmental Conservation	L3	2
Q1053810	NVQ in Horse Care and Management	L3	1
ZUNA303E	Unitisation (approved external qualification) Level 3, Agriculture, Horticulture and Animal Care (SSA 3), PW E	L3	62
CUNA302E	Unitisation (approved external qualification): Level 3, Area of Learning 2, PW E	L3	6
TOTAL			603